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POP FISHING & MARINE
COMMERCIAL FISHING CATALOG

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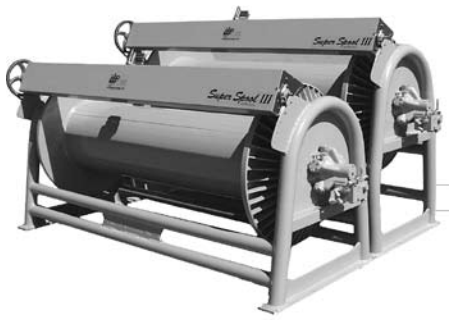
Longline Fishing Reels

LINDGREN-PITMAN
Super Spool III 48" x 80"

The Super Spool III is designed specifically with monofilament line in mind. With a larger 30-inch core, the 48" x 80" Super Spool III evenly distributes the pressure on the monofilament line - lowering stress when the line is stored. In the end, this means the monofilament will outlast line on other longline spools and reduce replacement costs. Lindgren-Pitman's latest technology has eliminated welds between the end plates and the core to create a stronger longline spool with smoother hauling.

FEATURES
- *Improved Hydraulics*
- *Larger Spool Core*
- *Solid Cast Aluminum End Plates*
- *Level Winder with Guard*
- *Stainless Steel Shaft Assembly*
- *Heavy-Duty Shaft Bearing*
- *Heavy-Duty Formed Tube Stand*
- *Line Setter Control*



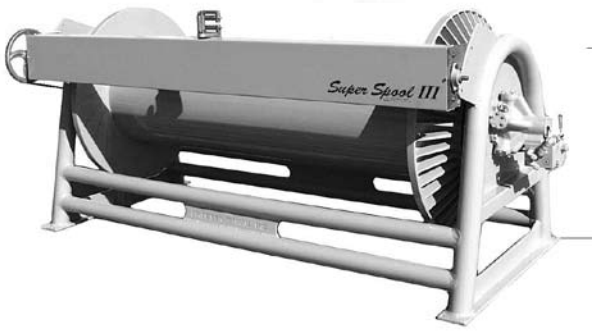
Lindgren-Pitman, Inc. is the world leader in the development of longline monofilament fishing systems. Pacific Ocean Producers has a close relationship with the Lindgren-Pitman company, securing us as the world experts in customization, design and installation of these proven fishing systems.

Twin Super Spool III

Capable of holding 138 nautical miles of 3.2mm monofilament.

Super Spool III 40" x 80"

This 22-inch core reel holds 69 nautical miles of 3.2mm monofilament.



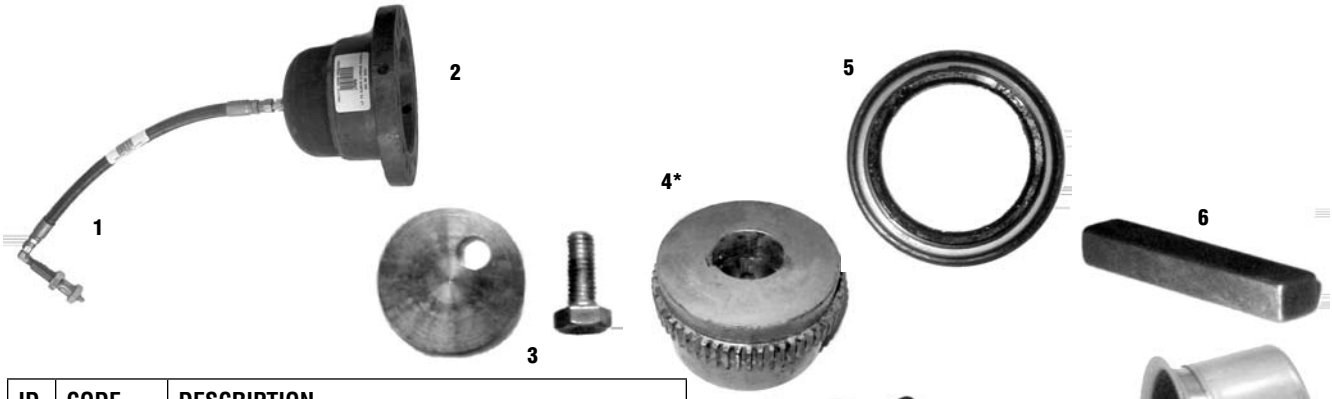
Super Mini Spool (not pictured)

Three new models of this reel are available, 28" Diameter x 24", 36" & 48" spool width. This new reel design has the same ruggedness and quality construction as our larger longline reels. These reels fill the gap for vessels not having the space for our Super Spool III monofilament spools but requiring more capacity than solid end plate reels can offer. These reels offer an impressive list of standard features that have made Lindgren-Pitman the premier manufacturer of industrial fishing equipment and accessories

Part Codes? **Items with no part codes? Please call our Sales Office for information on this special inventory.**

CODE	REEL SIZE	MONO CAPACITY	3.0 MM (700# TEST)	3.2 MM (800# TEST)	3.5 MM (900# TEST)	3.6 MM (1000# TEST)	4.0 MM (1200# TEST)	APPROX EMPTY SHIPPING WEIGHT
LP000348	TWIN 40 X 80	5,000 LB	156 NM	138 NM	116 NM	108 NM	89 NM	3,500 LB
LP000346	48 X 80-G3	3,200 LB	100 NM	89 NM	74 NM	70 NM	57 NM	2,100 LB
LP000345	40 X 80-G3	2,500 LB	78 NM	69 NM	58 NM	54 NM	44 NM	1,750 LB
	40 X 60-G3	1,900 LB	59 NM	52 NM	44 NM	41 NM	33 NM	1,450 LB
	40 X 48-G3	1,500 LB	46 NM	41 NM	34 NM	32 NM	26 NM	1,350 LB
	40 X 35-G3	1,100 LB	34 NM	30 NM	25 NM	24 NM	20 NM	1,200 LB
	28 X 48-G3	860 LB	27 NM	24 NM	20 NM	19 NM	15 NM	600 LB
	28 X 36-G3	645 LB	20 NM	18 NM	15 NM	14 NM	12 NM	565 LB
	28 X 24-G3	430 LB	14 NM	12 NM	10 NM	10 NM	8 NM	530 LB

KYB Hydraulic Drive Motor



ID	CODE	DESCRIPTION
1	LP000058	F2 SLEEVE GREASE HOSE AND FITTING ASSEMBLY
2	LP000059	F2 SLEEVE
3	LP000074	KYB SHAFT CAP RETAINER & BOLT (8MM)
4	LP000057	KYB SHAFT F2 HUB (*DIFFERENT FOR POCLAIN MOTOR)
5	LP000077	KYB SHAFT SEAL #24
6	LP000073	KYB SHAFT KEY #55P
7	LP000078	KYB SHAFT SPEEDI-SLEEVE
8	LP000072	KYB PLASTIC FLANGE GASKET
9	LP000071	KYB HYDRAULIC DRIVE MOTOR
10	LP000375	KYB COMPANION FLANGE
	LP000075	KYB O-RING CYLINDER (NOT SHOWN)
	LP000076	KYB O-RING FRONT COVER (NOT SHOWN)

SEALMASTER Heavy Duty Pillow Block Bearing 2”
Recommended for 40” reels and up.
#SEA48000

DODGE Medium Duty Pillow Block Bearing 2”
#DOD11633

Poclain Motor Owners:
Please call us for parts information on POCLAIN motors. (808-537-2905)

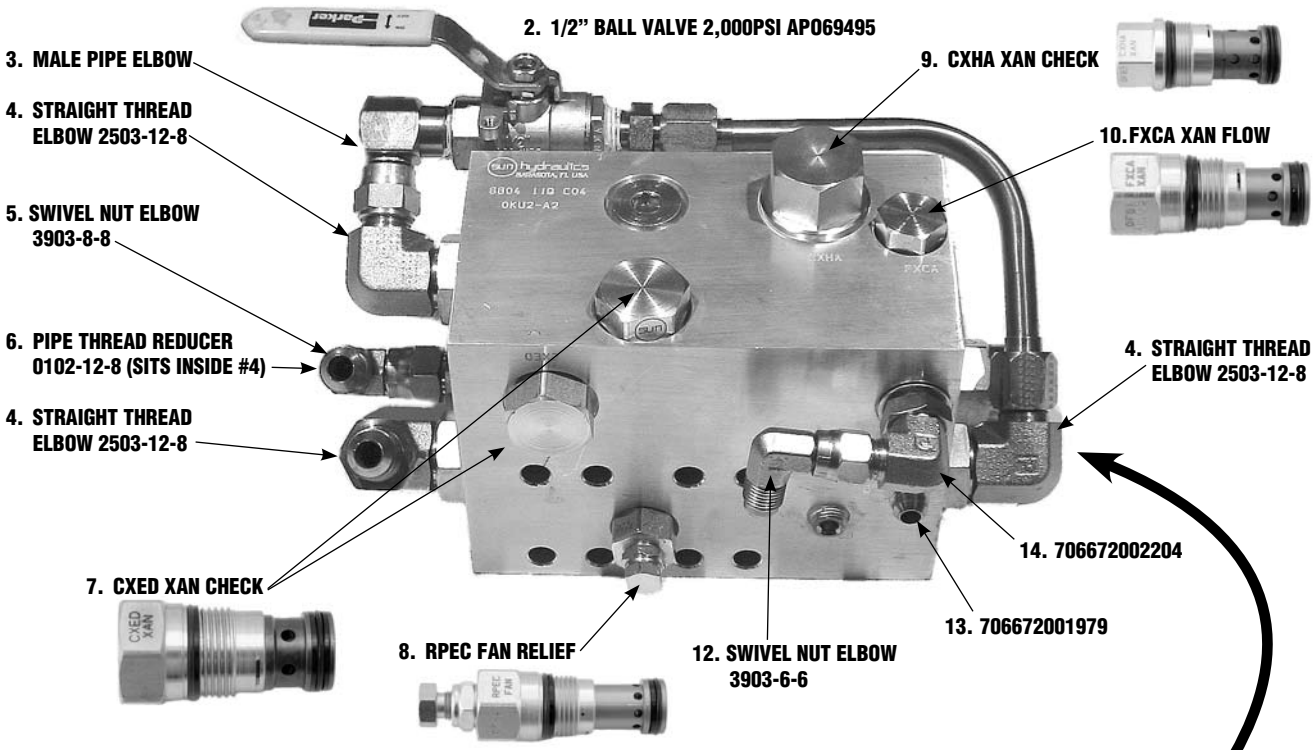
Price List & Catalog Download:
www.pop-hawaii.com (in the Commercial Fishing section)

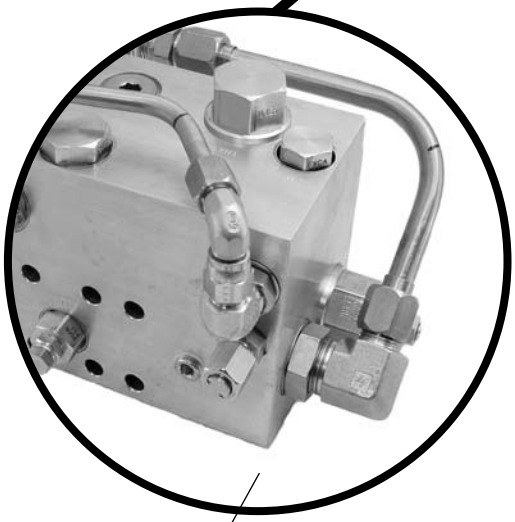
Zerk Grease Fittings

CODE	DESCRIPTION
LP000061	ZERK FITTING 1/4”-28NPT STRAIGHT
LP000062	ZERK FITTING 1/8”-27NPT 67 DEG
LP000063	ZERK FITTING 1/8”-27NPT STRAIGHT

Hydraulic Manifold "Uniblock"

For motor-mounted Super Spool reels made prior to 2006


2. 1/2" BALL VALVE 2,000PSI AP069495
3. MALE PIPE ELBOW
4. STRAIGHT THREAD ELBOW 2503-12-8
5. SWIVEL NUT ELBOW 3903-8-8
6. PIPE THREAD REDUCER 0102-12-8 (SITS INSIDE #4)
4. STRAIGHT THREAD ELBOW 2503-12-8
7. CXED XAN CHECK
8. RPEC FAN RELIEF
12. SWIVEL NUT ELBOW 3903-6-6
9. CXHA XAN CHECK
10.FXCA XAN FLOW
4. STRAIGHT THREAD ELBOW 2503-12-8
14. 706672002204
13. 706672001979

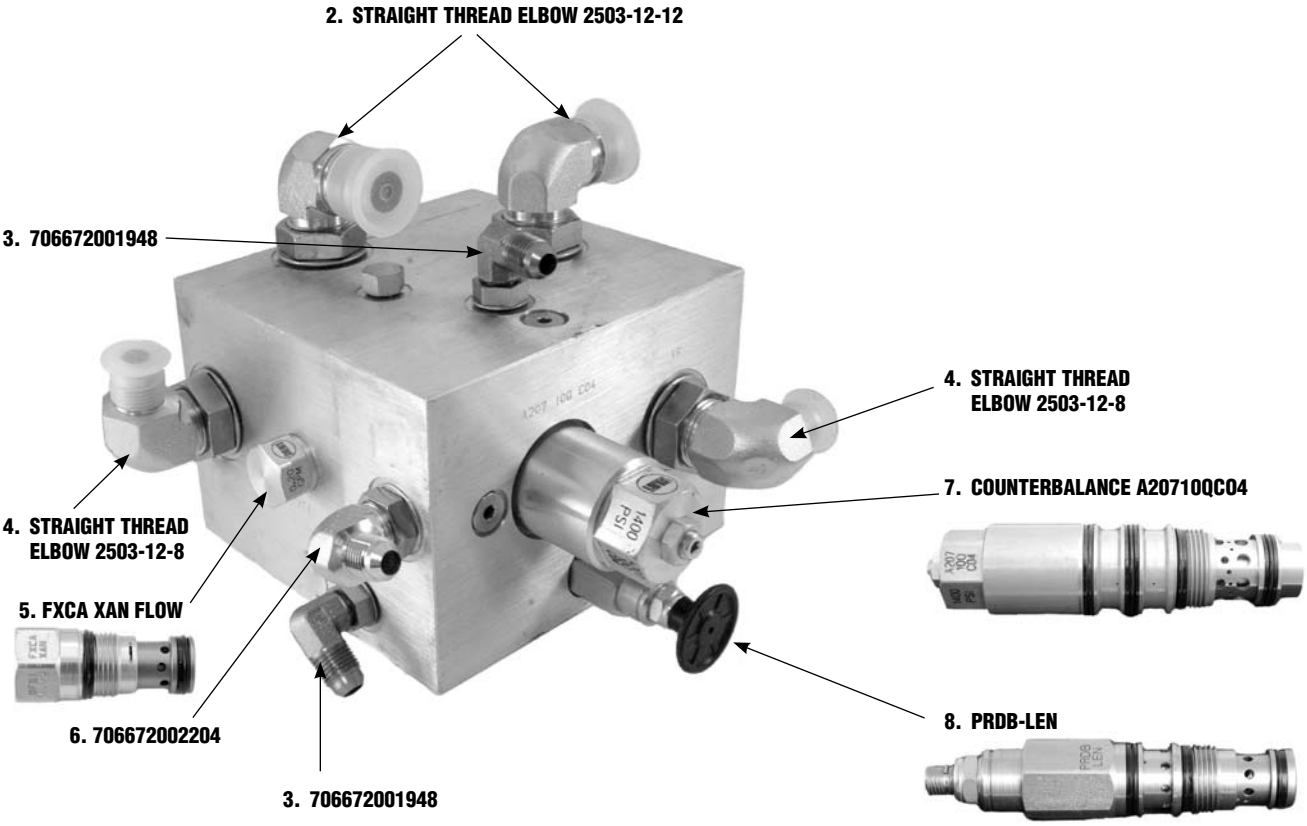


ID	CODE	DESCRIPTION
1	LP000363	UNIBLOCK COMPLETE
2	APO69495	1/2" BALL VALVE 2,000PSI
	LP000371	1/2" BALL VALVE 5,000PSI*
3	BRE00002	MALE PIPE ELBOW
4	PAR00060	STRAIGHT THREAD ELBOW 2503-12-8
5	PAR00063	SWIVEL NUT ELBOW 3903-8-8
6	PAR00051	PIPE THREAD REDUCER 0102-12-8
7	LP000358	UNIBLOCK CARTRIDGE CXED XAN CHECK
8	LP000361	UNIBLOCK CARTRIDGE RPEC FAN RELIEF
9	LP000359	UNIBLOCK CARTRIDGE CXHA XAN CHECK
10	LP000360	UNIBLOCK CARTRIDGE FXCA XAN FLOW
11	LP000357	UNIBLOCK CARTRIDGE CBGA LHN C/BALANCE
12	PAR00062	SWIVEL NUT ELBOW 3903-6-6
13		706672001979
14		706672002204
	LP000362	UNIBLOCK CARTRIDGE KIT COMPLETE
	LP000364	UNIBLOCK FITTING SET COMPLETE

* LP371 Does not carry manufacturer's warranty if used on newer LP systems. It is recommended to upgrade to the 5,800PSI ball valve listed above. PLEASE CONTACT US FOR UPDATED RETROFIT INSTRUCTIONS ON THIS MODEL.

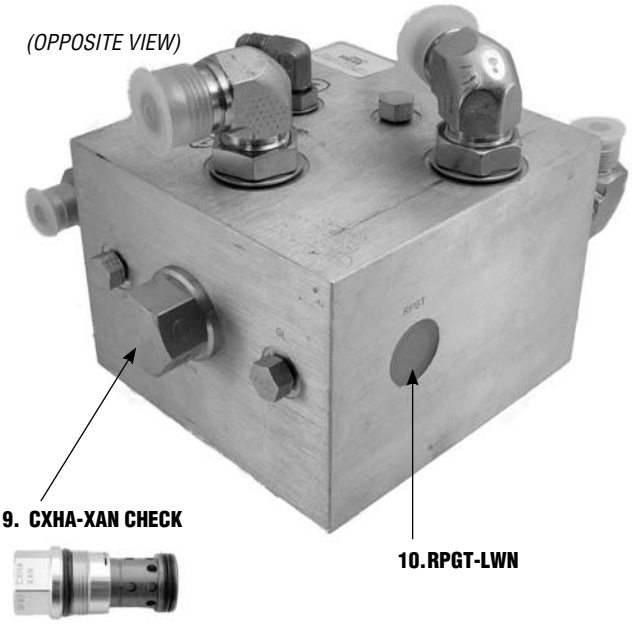
Hydraulic Manifold "Uniblock"

For remote-mounted applications on most Lindgren-Pitman reels



	CODE	DESCRIPTION
1	LP000402	UNIBLOCK S3 COMPLETE
2	PAR00161	STRAIGHT THREAD ELBOW 2503-12-12
3		706672001948
4	PAR00060	STRAIGHT THREAD ELBOW 2503-12-8
5	LP000360	UNIBLOCK CARTRIDGE FXCA XAN FLOW
6		706672002204
7	LP000426	COUNTERBALANCE A20710QC04
8	LP000427	UNIBLOCK CARTRIDGE PRDB-LEN
9	LP000359	UNIBLOCK CARTRIDGE CXHA XAN CHECK
10	LP000428	UNIBLOCK CARTRIDGE RPGT-LWN
	LP000412	UNIBLOCK S3 CARTRIDGE KIT COMPLETE
	LP000431	UNIBLOCK S3 CARTRIDGE SEAL KIT

(OPPOSITE VIEW)



Prices?

Prices for our products are published in a separate price list and is available for download at www.pop-hawaii.com or via fax and mail.

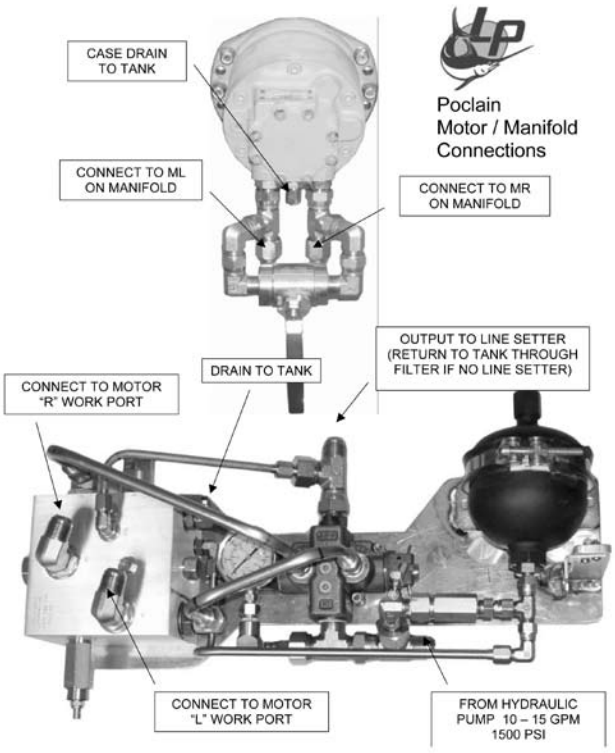
Part Codes?

Items with no part codes? Please call our Sales Office for information on this special inventory.

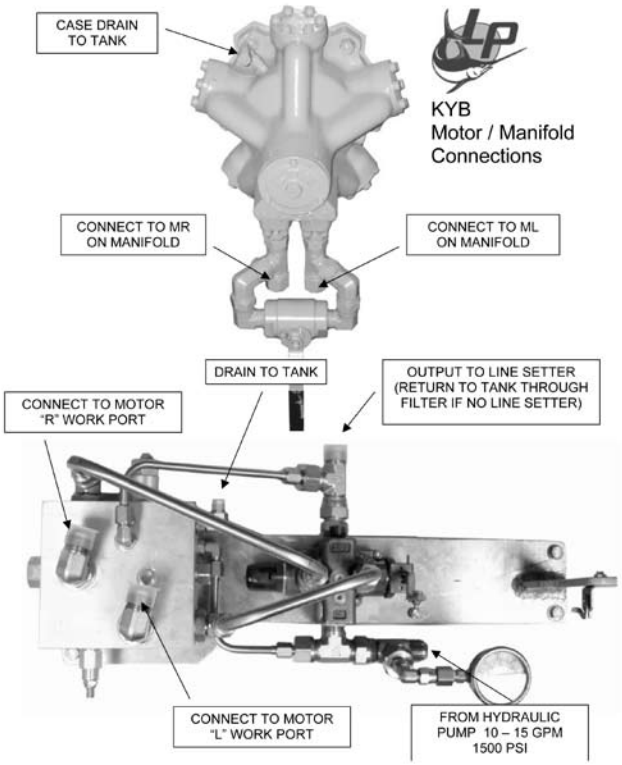
Manifold/Motor Connections

Remote Mounted Manifolds (Standard on Super Spool reels made after 2006)

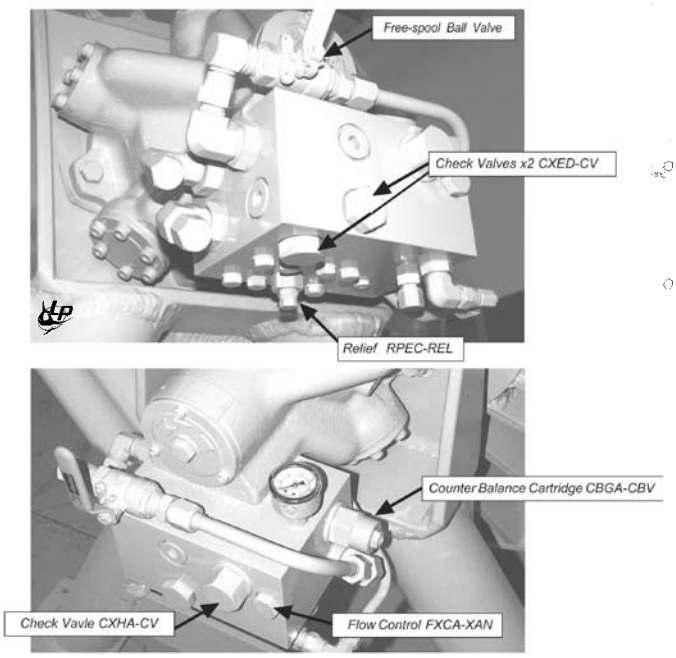
48” Diameter Reels w/ Poclain Motor


CASE DRAIN TO TANK
Poclain Motor / Manifold Connections
CONNECT TO ML ON MANIFOLD
CONNECT TO MR ON MANIFOLD
OUTPUT TO LINE SETTER (RETURN TO TANK THROUGH FILTER IF NO LINE SETTER)
DRAIN TO TANK
CONNECT TO MOTOR “R” WORK PORT
CONNECT TO MOTOR “L” WORK PORT
FROM HYDRAULIC PUMP 10 – 15 GPM 1500 PSI

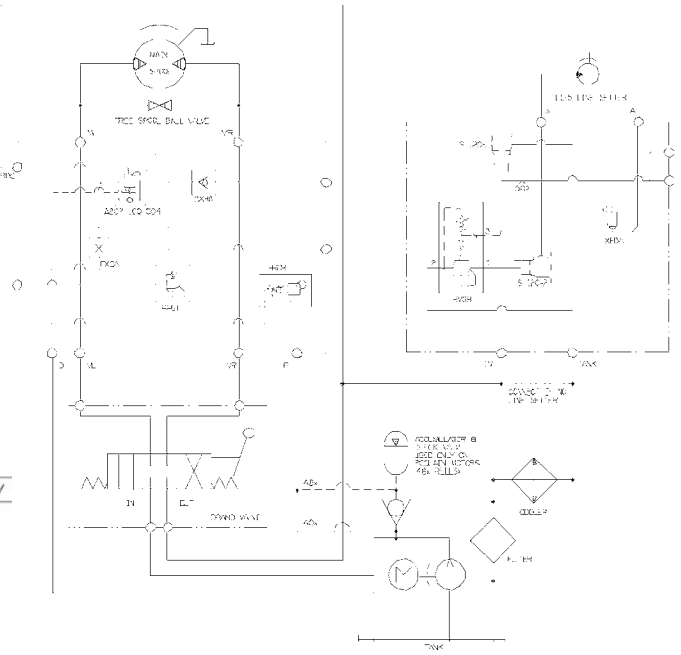
40” Diameter Reels w/ KYB Motor


CASE DRAIN TO TANK
KYB Motor / Manifold Connections
CONNECT TO MR ON MANIFOLD
CONNECT TO ML ON MANIFOLD
DRAIN TO TANK
OUTPUT TO LINE SETTER (RETURN TO TANK THROUGH FILTER IF NO LINE SETTER)
CONNECT TO MOTOR “R” WORK PORT
CONNECT TO MOTOR “L” WORK PORT
FROM HYDRAULIC PUMP 10 – 15 GPM 1500 PSI

Motor Mounted Manifolds (For Super Spool reels made prior to 2006)



Longline Spool Hydraulic Schematic

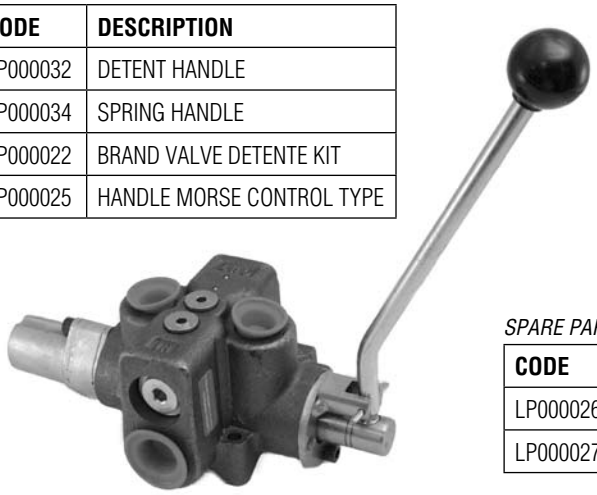


NOTE: ACCUMULATOR/CHECK VALVE USED ONLY ON 48” X 80” REELS WITH POCLAIN MOTOR.

Reel Control Valve & Accessories

LP Brand Valve w/ Handle

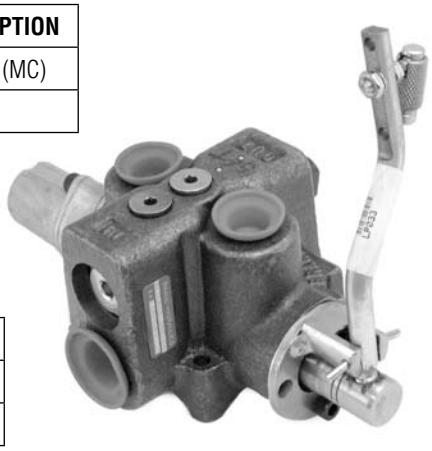
CODE	DESCRIPTION
LP000032	DETENT HANDLE
LP000034	SPRING HANDLE
LP000022	BRAND VALVE DETENTE KIT
LP000025	HANDLE MORSE CONTROL TYPE



LP Brand Valve w/ Handle (MC)

For use with remote cable controls.

CODE	DESCRIPTION
LP000033	HANDLE (MC)
LP000023	HANDLE

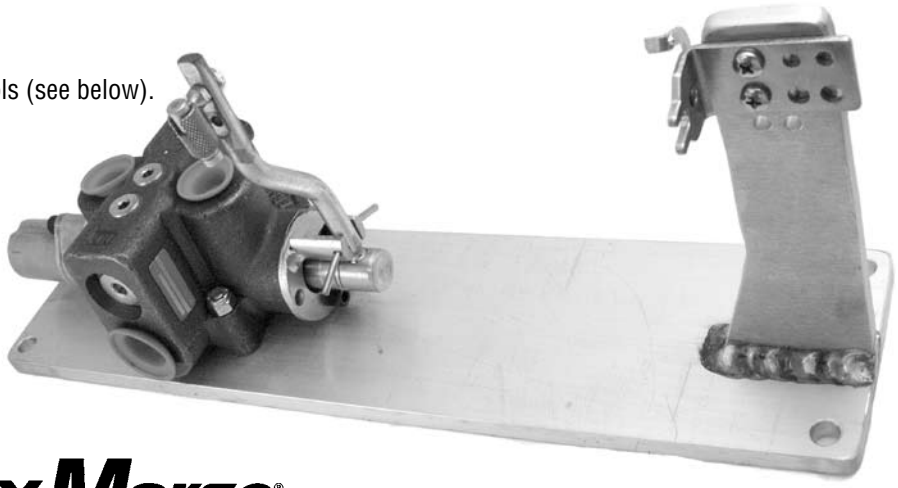


SPARE PARTS

CODE	DESCRIPTION
LP000026	HANDLE PIN
LP000027	RELIEF CARTRIDGE SDCF

LP Brand Valve w/ Base

For use with remote cable controls (see below).
#LP000031



Teleflex Morse®
A Division of Teleflex Incorporated (USA)

MORSE S Control

The original, classic Morse control – great for inboards, single or dual station. The time-proven design of Twin S means years of reliable operation. Accepts universal control cables. Additional hardware may be required for twin station use.

- *Highly polished corrosion resistant chrome plated brass covers.*
- *Uses 33 and 43 type cables.*
- *Meets/exceeds all applicable industry standards*

CODE	DESCRIPTION
TEL02872	SINGLE S 031002-001
TEL07104	TWIN S 031001-001

TELEFLEX MORSE Cable 33C

"Universal" midrange cable. Cables over 34' available through special order.

CODE	LEN	CODE	LEN	CODE	LEN
TEL28913	4'	TEL27999	14'	TEL26517	23'
TEL24543	6'	TEL25444	15'	TEL25168	24'
TEL29919	7'	TEL26446	16'	TEL26150	25'
TEL25040	8'	TEL29783	17'	TEL26526	26'
TEL25960	9'	TEL26494	18'	TEL24917	28'
TEL27976	10'	TEL25875	19'	TEL26273	30'
TEL27111	11'	TEL24411	20'	TEL29440	32'
TEL28841	12'	TEL27675	21'	TEL28135	34'
TEL24891	13'	TEL25903	22'		

Level Winder

Level Winder Pawl
Pulls the level winder block and roller assembly. Lindgren-Pitman recommends the 1/4" thick pawl (new) should be replaced when worn down to about 1/8" thickness. #LP000163

Level Winder Rulon Bearing (for older models)

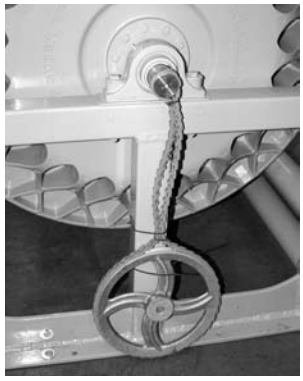
CODE	DESCRIPTION
LP000176	3/4"
LP000177	1"

Level Winder Pulley 3"

CODE	DESCRIPTION
LP000164	1-1/2" BORE
LP000165	1-3/4" BORE
LP000166	2" BORE

Level Winder Pulley 10"/12" (3/4" Bore) and Link Belt
Sold separately. Complete link belt is 7-feet. Sold by the foot.

CODE	DESCRIPTION
LP000167	10" DIA
LP000168	12" DIA
LP000162	LINK BELT/FT



Level Winder Belt Guard

CODE	DESC
LP000155	38" DIA.
LP000156	40" DIA.

Level Winder End Plate Aluminum
Not shown. #LP000161

Level Winder Bar Block

CODE	DESCRIPTION
LP000160	LW DOUBLE BAR BLOCK
LP000183	LW SINGLE BAR BLOCK

Level Winder 2-Bolt Flange Bearing
New nylon bodies contain stainless steel bearings, no lubrication needed.

CODE	DESCRIPTION
LP000413	2-BOLT FLANGE BEARING
LP000414	FLANGE BEARING STOP COLLAR

Level Winder Single/Double Bar Assembly
Special order item. Please call for information.

CODE	DESCRIPTION	CODE	DESCRIPTION
LP000178	27" SINGLE	LP000182	48" SINGLE
LP000179	30" SINGLE	LP000157	48" DOUBLE
LP000180	36" SINGLE	LP000158	60" DOUBLE
LP000181	40" SINGLE	LP000159	72" DOUBLE

Level Winder Worm Shaft
New plastic (Delrin) construction requires no lubrication. Special order item.

CODE	DESC
LP000184	48"
LP000185	60"
LP000186	72"

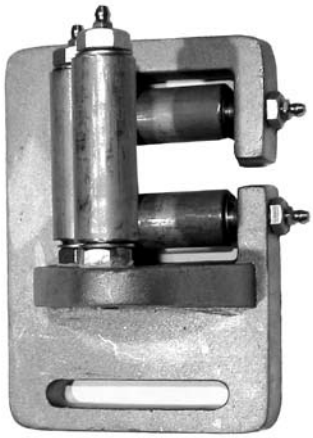
Level Winder Stainless Steel Bar
1" x 92-1/4". Special order item. #LP000369

Level Winder/Roller Assembly

Level Winder Roller Fairlead

New roller assembly is permanently sealed at the factory usin groller bearings submerged in “Locktite Viperlube” synthetic lubricant. No more messing with grease and zerk fittings! Line removes easily from the rollers. For monofilament only.

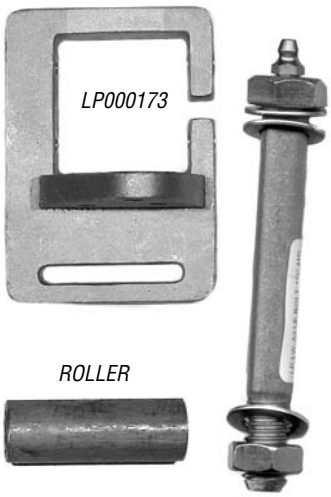
CODE	DESCRIPTION
LP000415	LEVEL WINDER ROLLER FAIRLEAD ASSEMBLY
LP000417	1-3/4” S/S ROLLER REPLACEMENT



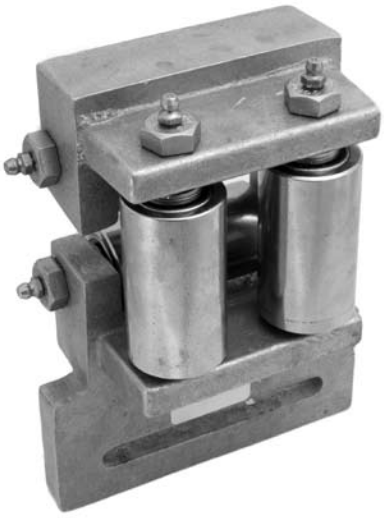
Level Winder Roller Fairlead (Older Style)

Line removes easily from rollers. OilLite bushings. 1” stainless steel rollers. 3/8” and 1/2” stainless steel axles with grease fittings (zerks). For monofilament only.

CODE	DESCRIPTION
LP000175	LEVEL WINDER ROLLER FAIRLEAD ASSEMBLY
LP000173	LEVEL WINDER ROLLER ASSEMBLY CAST
LP000169	LEVEL WINDER 3/8” S/S ROLLER
LP000149	LEVEL WINDER 3/8” AXLE BOLT
LP000154	LEVEL WINDER 3/8” AXLE BOLT WASHER
LP000170	LEVEL WINDER 1/2” S/S ROLLER
LP000151	LEVEL WINDER 1/2” AXLE BOLT
LP000153	LEVEL WINDER 1/2” AXLE BOLT WASHER
LP000063	ZERK FITTING 1/8”-27NPT STRAIGHT



AXLE BOLT (3/8” DOESN’T INCLUDE WASHERS)



Level Winder Roller Fairlead Cable – Heavy Duty

Cable is not easily removed from rollers. Replaceable sealed ball bearings. 1-1/2” stainless steel rollers. 1/2” stainless steel axles with grease fittings (zerks). For wire rope or cable.

CODE	DESCRIPTION
LP000174	LEVEL WINDER ROLLER FAIRLEAD CABLE H/D
LP000172	LEVEL WINDER ROLLER CABLE CAST
LP000460	LEVEL WINDER ROLLER 1-1/2” W/ BEARING
LP000063	ZERK FITTING 1/8”-27NPT STRAIGHT

LP000171

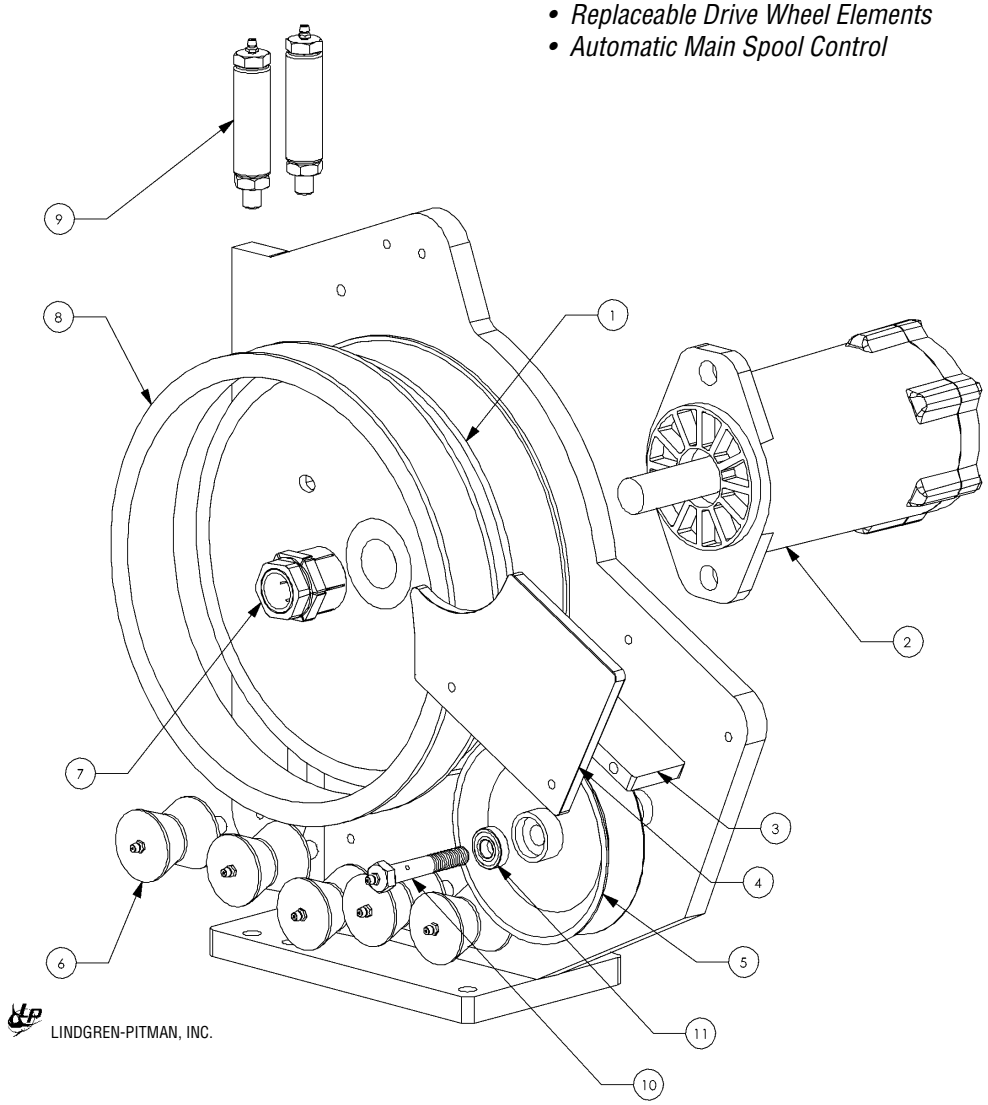
LS-3 & LS-4 Line Setter

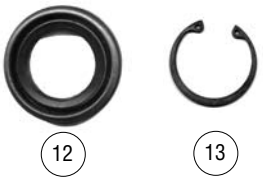
LINDGREN-PITMAN LS-4 Line Setter

Designed to pull monofilament longline from the hauling/storage spool at a rate equal to or faster than the boat's speed. Line can be set with a predictable sag between floats for fishing baits both deep and shallow. Setting speed is displayed on an optional digital meter to ensure accurate and consisitent setting.

- *Aluminum Construction*
- *Replaceable Drive Wheel Elements*
- *Automatic Main Spool Control*

LS-3 Owners:
Refer to the numbers in the black boxes for our LS-3 part equivalent.





LINDGREN-PITMAN, INC.

ID	LS-4	LS-3	DESCRIPTION
1	LP000141	LP000091	12" MAIN DRIVE WHEEL (LS-3: 10")
2	LP000101	LP000101	LS3/4 DRIVE MOTOR
3	LP000138	LP000088	EXIT GUIDE PLATE
4	LP000139	LP000089	LEXAN EXIT SHIELD
5	LP000109	LP000109	LS3/4 V-GROOVE W/ BEARING 6"
6	LP000107	LP000107	LS3/4 HOURGLASS ROLLER
7	LP000123	LP000123	LS3/4 TRANS TORQUE ASSEMBLY
8	LP000142	LP000092	SHOOTER BELT (DRIVE ELEMENT)

ID	LS-4	LS-3	DESCRIPTION
9	LP000170	LP000170	ENTRANCE GUIDE ROLLER
10	LP000135	LP000135	LS3/4 V-ROLLER AXLE BOLT W/ ZERK
11	LP000001	LP000001	BEARING, V-GROOVE ROLLER ASSY
12	LP000114	LP000114	SHAFT SEAL
13	LP000115	LP000115	SNAP RING
	LP00001	LP00001	LS3/4 TIMER BAC-A-LARM (SEE PG. 14)

LS-5 Line Setter

LINDGREN-PITMAN LS-5 Line Setter

The latest generation of line setter from LP. Improvements include dual quick release idler rollers for easier threading and maintenance.

FEATURES

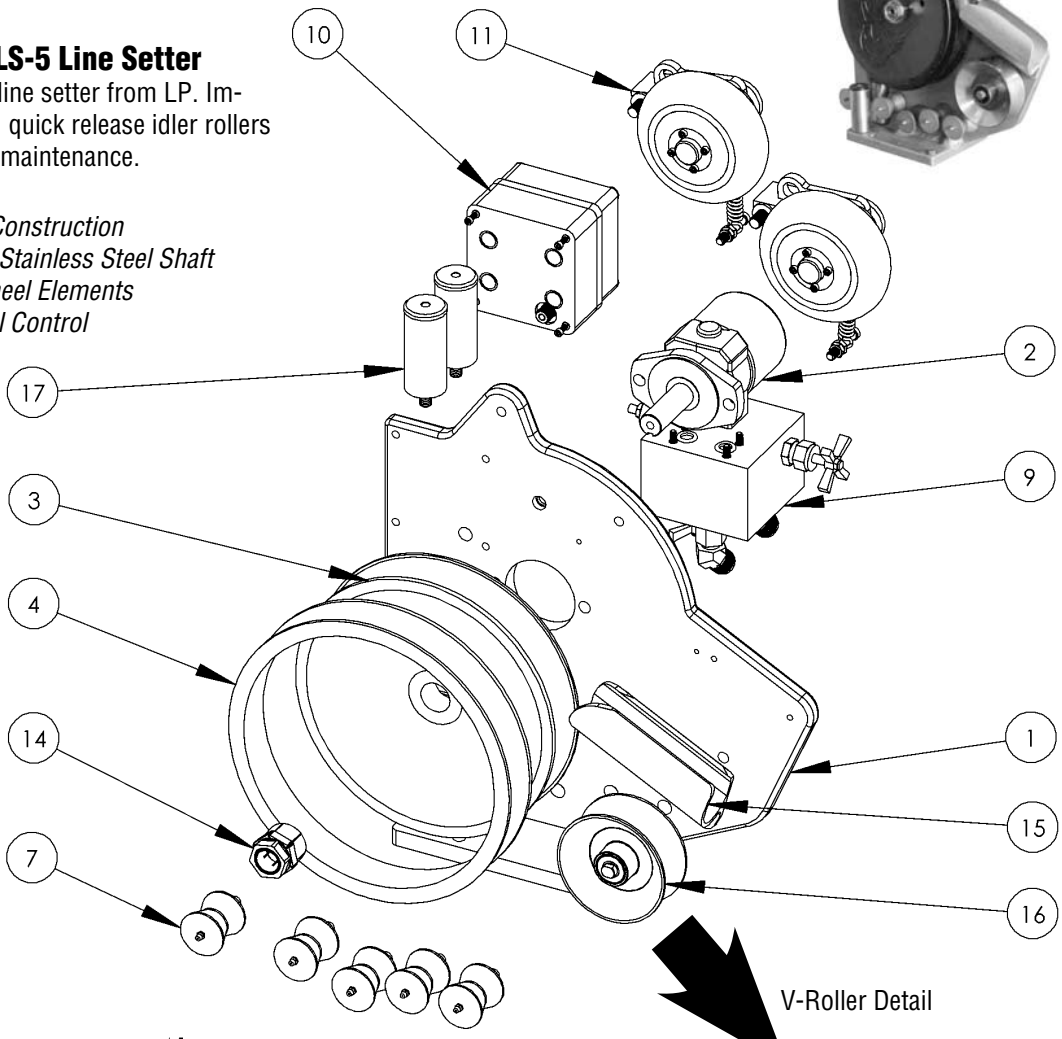
- *Anodized Aluminum Construction*
- *Hydraulic Motor with Stainless Steel Shaft*
- *Replaceable Drive Wheel Elements*
- *Automatic Main Spool Control*
- *Speed Control; ON/OFF Control*
- *Dual Idler Rollers*
- *Quick Release Idler Rollers for Easy Threading & Maintinence*
- *Ball Bearing, Stainless Steel Entrance Guide Rollers*

SPECIFICATIONS

- *Wt: 100 LB*
- *Flow & Pressure: 12 GPM @ 1,500 PSI*

OPTIONS

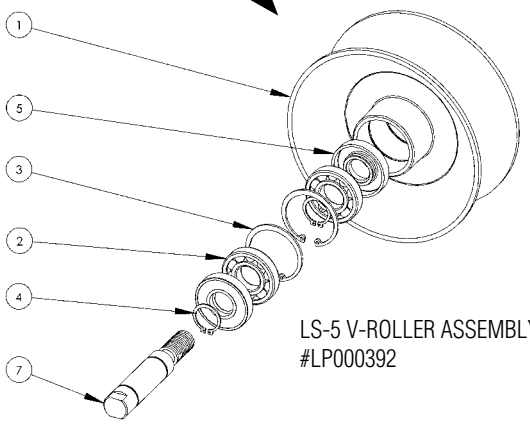
- *Digital Speed Readout*
- *Self powered*
- *Mounts on Motor Side of Frame*



LINDGREN-PITMAN, INC.

ID	CODE	DESCRIPTION
1		LS-5 MAIN FRAME ONLY
2	LP000391	LS-5 HYDRAULIC MOTOR 100-002-00
3	LP000141	12" MAIN DRIVE WHEEL
4	LP000142	DRIVE ELEMENT (SHOOTER BELT)
7	LP000107	HOURGLASS ROLLER ASSEMBLY
9	LP000393	LS-5 HYDRAULIC MANIFOLD 100-009-00
10	LP000389	LS-5 SPEED READOUT ASSEMBLY (SEE PG. 14)
11	LP000398	LS-5 IDLER ROLLER ASSEMBLY 100-011-00
14	LP000123	TRANSTORQUE ASSEMBLY
15		LS-5 EXIT CHUTE
16	LP000392	LS-5 V-ROLLER ASSEMBLY 100-016-00
17	LP000417	LS-5 ENTRY GUIDE ROLLER 1-3/4"
	LP000388	LS-5 LINE SETTER COMPLETE ASSEMBLY

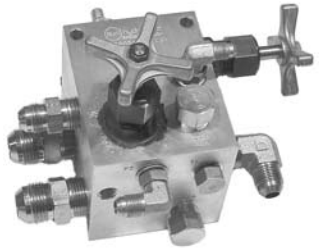
V-Roller Detail

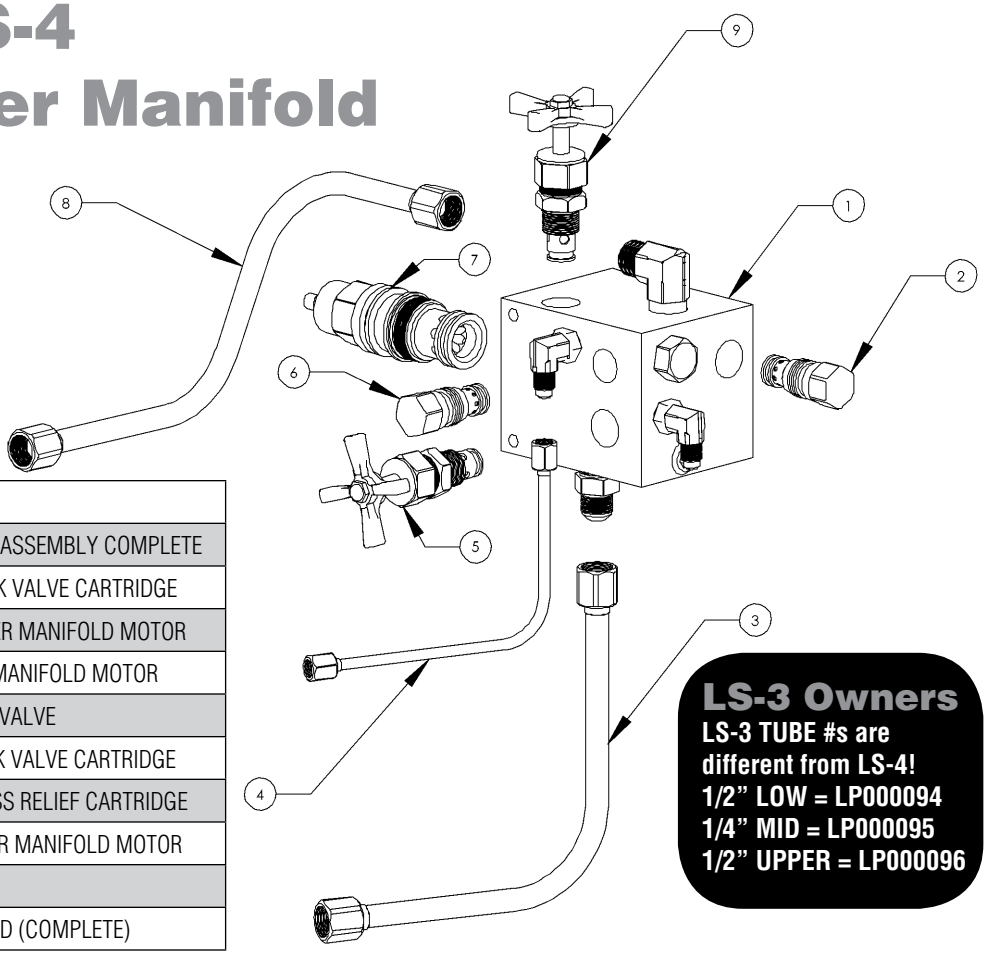


LS-5 V-ROLLER ASSEMBLY
#LP000392

ID	CODE	DESCRIPTION
1		LS-5 V-ROLLER SS 300-001-00
2	LP000390	LS-5 IDLER/V-ROLLER BEARING 200-013-00
3	LP000396	LS-5 V-ROLLER INT SNAP RING 300-003-00
4	LP000395	LS-5 V-ROLLER EXT SNAP RING 300-004-00
5		LS-5 SEAL, IDLER BEARING CARRIER 200-016-00
7	LP000400	LS-5 V-ROLLER/IDLER AXLE 200-023-00

LS-3 & LS-4 Line Setter Manifold

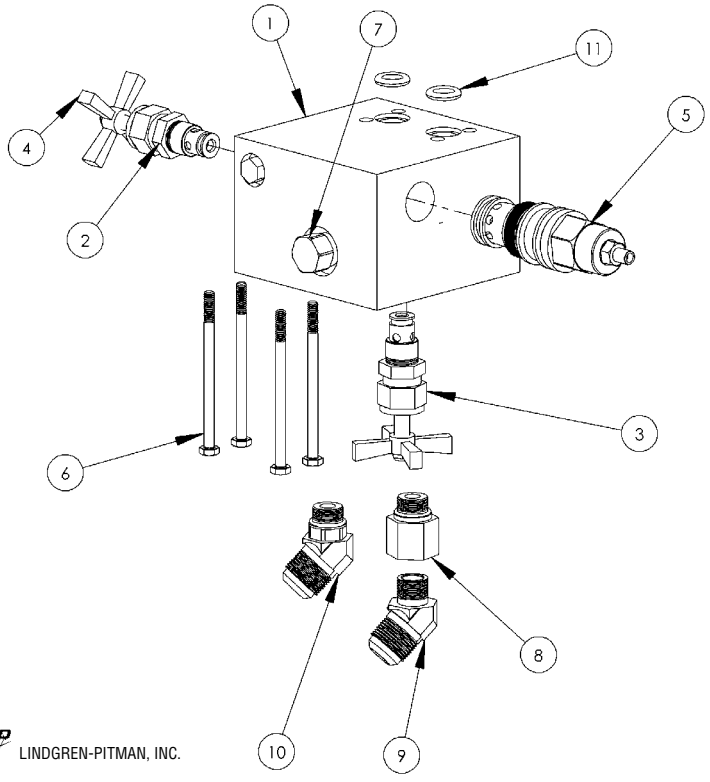




ID	CODE	DESCRIPTION
1	LP000110	LS3/4 MANIFOLD ASSEMBLY COMPLETE
2	LP000097	CDXA-XAN CHECK VALVE CARTRIDGE
3	LP000144	1/2" TUBE - LOWER MANIFOLD MOTOR
4	LP000145	1/4" TUBE - MID MANIFOLD MOTOR
5	LP000116	SPEED CONTROL VALVE
6	LP000098	CXDA-XEN CHECK VALVE CARTRIDGE
7	LP000100	RVGB-LCN BYPASS RELIEF CARTRIDGE
8	LP000146	1/2" TUBE - UPPER MANIFOLD MOTOR
9	LP000113	ON/OFF VALVE
	LP000110	LP LS-4 MANIFOLD (COMPLETE)

LS-3 Owners
LS-3 TUBE #s are different from LS-4!
1/2" LOW = LP000094
1/4" MID = LP000095
1/2" UPPER = LP000096

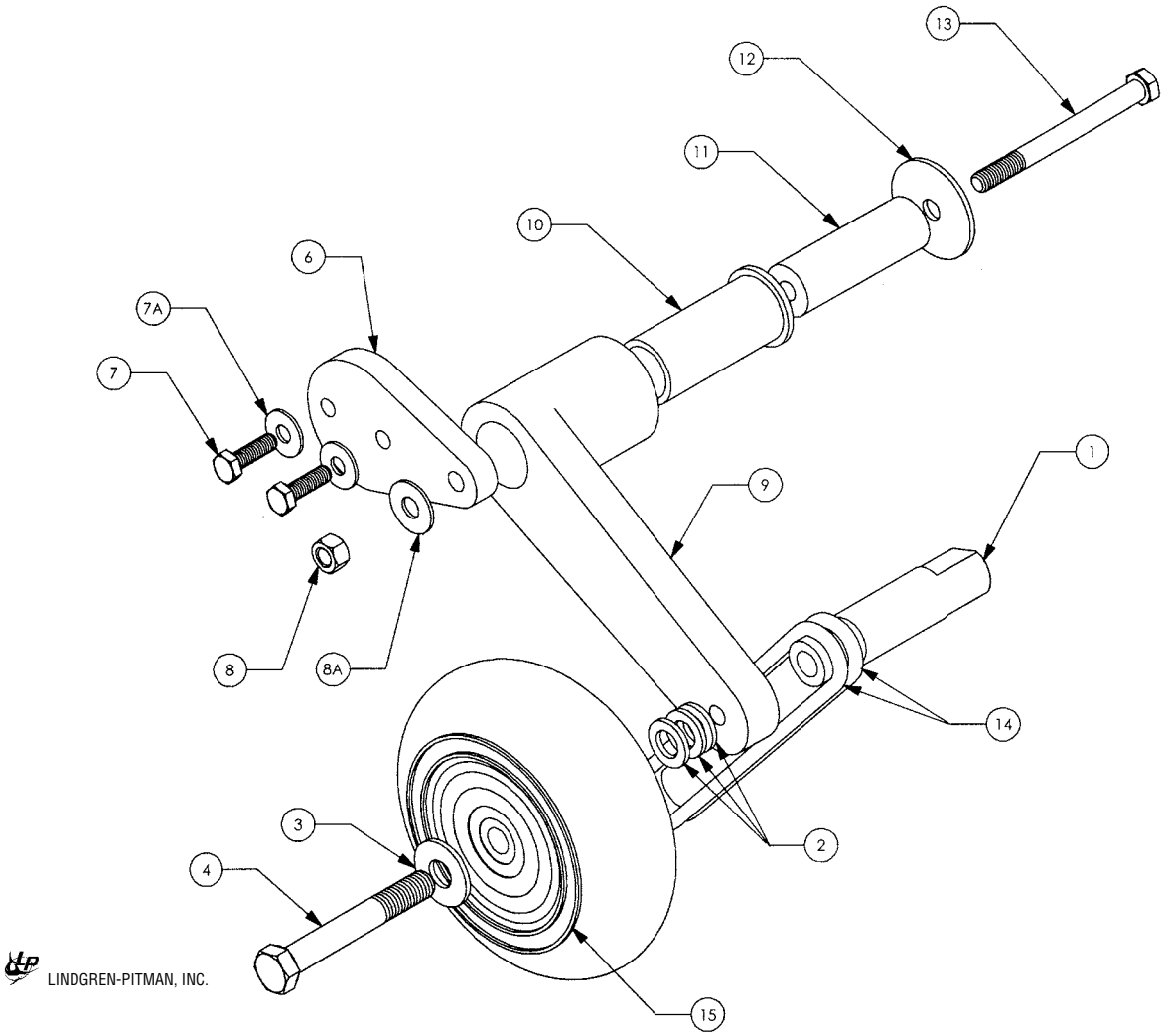
LS-5 Line Setter Manifold



ID	DESCRIPTION
1	LS-5 HYDRAULIC MANIFOLD BARE 500-001-00
2	LS-5 SPEED CONTROL VALVE 500-002-00
3	LS-5 ON/OFF VALVE 500-003-00
4	LS-5 SPEED/ON/OFF VALVE 500-004-00
5	LS-5 RVBG LCN CARTRIDGE 500-005-00
6	LS-5 MANIFOLD MOUNTING BOLTS 500-006-00
7	XFDA-XXN CARTRIDGE 500-007-00
8	LS-5 O-RING TO PIPE BUSHING 500-008-00
9	LS-5 PIPE TO JIC 45D 500-009-00
10	LS-5 O-RING TO JIC 45D 500-010-00
11	LS-5 O-RING MANIFOLD TO MOTOR 500-011-00
	LS-5 MANIFOLD COMPLETE ASSEMBLY

LINDGREN-PITMAN, INC.

LS-3 & LS-4 Idler Arm Assembly



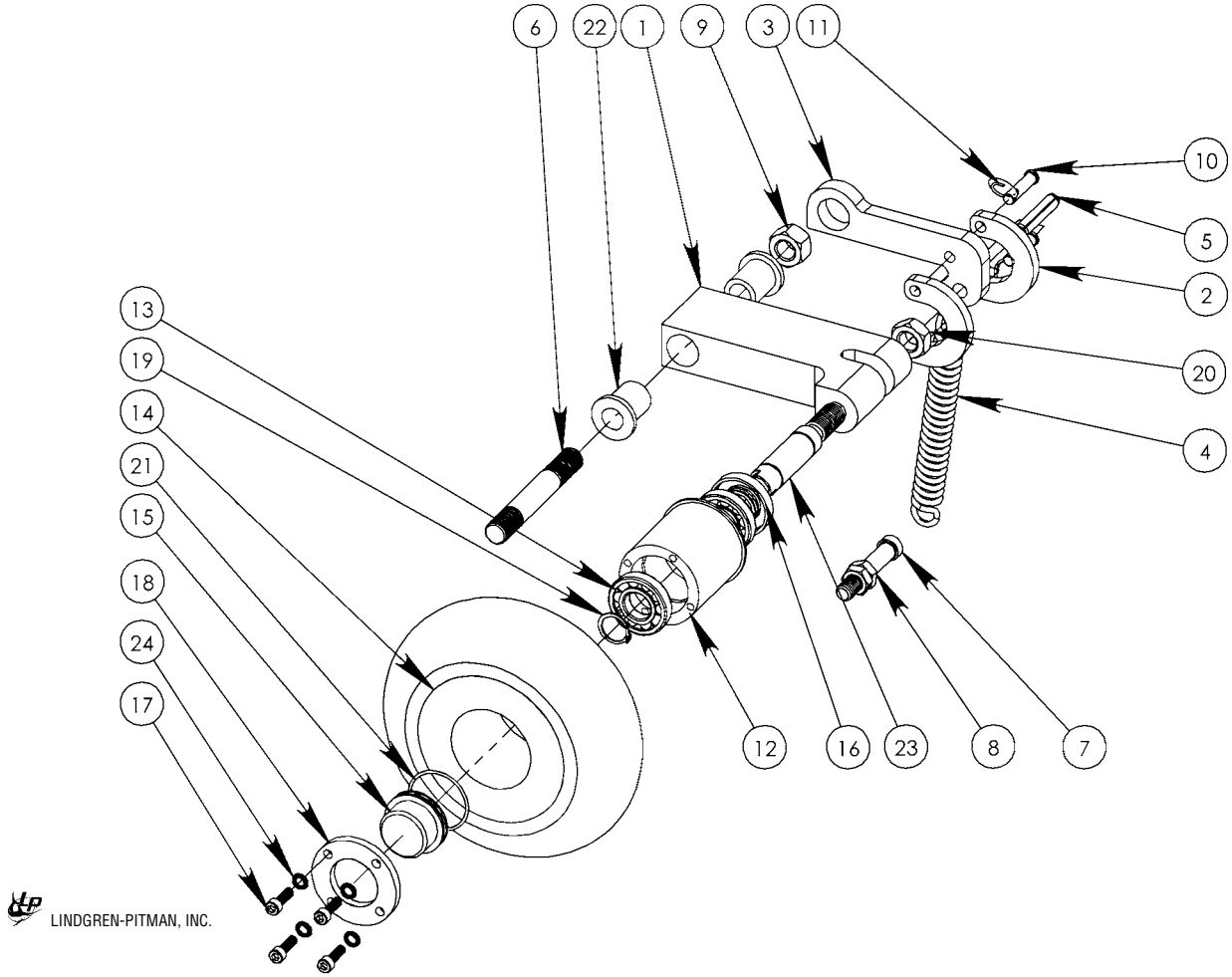
LINDGREN-PITMAN, INC.

ID	CODE	DESCRIPTION
1	LP000382	LS3/4 UPPER IDLER ARM HANDLE ONLY
2	LP000424	UPPER IDLER ARM FLAT WASHER 1/2"
3		FLAT WASHER 1/2"
4	LP000129	LS3/4 IDLER ARM HANDLE BOLT ONLY
6	LP000126	LS3/4 IDLER ARM BRACKET ONLY
7		HEX BOLT 5/16-18 X 1" (2X)
7A		FLAT WASHER 5/16" (2X)
8		NUT 3/8-16
8A		FLAT WASHER 3/8"
9	LP000132	LS3/4 IDLER ARM (#9) WITH BUSHING (#10)
10	LP000423	UPPER IDLER ARM BUSHING
11	LP000125	LS3/4 IDLER ARM AXLE SHAFT
12		FENDER WASHER 3/8"
13		HEX BOLT 3/8"-16 X 4"
14	LP000120	TENSION O-RING
15	LP000134	LS3/4 IDLER WHEEL (ROLLER)

Prices?
Prices for our products are published in a separate price list which is available for download at www.pop-hawaii.com or through fax or mail.

Part Codes? **Items with no part codes? Please call our Sales Office for information on this special inventory.**

LS-5 Idler Arm Assembly



LINDGREN-PITMAN, INC.

ID	CODE	DESCRIPTION
1		LS-5 IDLER BRACKET 200-001-00
2		LS-5 IDLER C-LINK 200-002-00
3		LS-5 IDLER RELEASE HANDLE 200-003-00
4	LP000397	LS-5 IDLER TENSION SPRING 200-004-00
5		LS-5 SPRING DOWL 5/16" STAINLESS 200-005-00
6	LP000411	LS-5 SELF LOCKING STUD 1/2-13 X 3-1/2" 200-006-00
7		LS-5 SPRING ANCHOR 1/4-20 X 2-14 200-007-00
8		LS-5 JAM NUT, SPRING ANCHOR 200-008-00
9		LS-5 ELASTIC STOP NUT 1/2-13 SS 200-009-00
10		LS-5 CLEVIS PIN 1/4" X 1" SS 200-010-00
11		LS-5 COTTER RING 5/8" OD 1/4" SHAFT 200-011-00
12		LS-5 IDLER BEARING CARRIER 200-012-00
13	LP000390	LS-5 IDLER/V-ROLLER BEARING 200-013-00
14	LP000399	LS-5 UPPER IDLER ROLLER 200-014-00
15		LS-5 CAP, IDLER BEARING CARRIER 200-015-00
16		LS-5 SEAL, IDLER BEARING CARRIER

ID	CODE	DESCRIPTION
17		LS-5 IDLER SOCKET HEAD CAP SCREW 200-017-00
18		LS-5 BEARING PACK CAP RETAINER 200-018-00
19		LS-5 EXT SNAP RING 0.625 OD 200-019-00
20		LS-5 IDLER JAM NUT 1/2-13 SS 200-020-00
21		LS-5 BEARING PACK O-RING
22		LS-5 IDLER BRACKET BUSHING-OILITE (2X)
23	LP000400	LS-5 V-ROLLER/IDLER AXLE
24		LS-5 RETAINER RING SAFETY WASHER
	LP000394	LS-5 SHAFT SEAL

Missing Part Codes?

Due to the newness of the LS-5 Series, certain part ID's were not available at press time. Please call us for more information.

LINDGREN-PITMAN LS3/4 Timer-2

Automatically counts hooks and buoys. Impact and corrosive resistant enclosure. Internal amplifier with external speaker outputs. Includes ABS plastic PA 5" speaker horn.

CODE	DESCRIPTION
LP000121	LP LS3/4 TIMER-2 COMPLETE
LP000122	LP LS3/4 TIMER-2 HORN SPEAKER 12W
LP00001	LS3/4 TIMER BAC-A-LARM

Prices?
Prices for our products are published in a separate price list and is available for download at www.pop-hawaii.com or we can mail one to you.

LINDGREN-PITMAN Line Setter Digital Speed Readout

Self Powered. Begins to display at approximately 3 knots. 3-digit display. 1/10th knot resolution. NEMA 4 watertight enclosure. Signal & power derived totally from magnetic pickup or pulser. High immunity to electrical noise. Intrinsically safe, can be used in hazardous environments. Ideal for both indoor and outdoor installations.

CODE	DESCRIPTION
LP000093	LS3 SPEED READOUT
LP000143	LS4 SPEED READOUT
LP000118	LS3/4 SPEED READOUT CABLE ONLY
LP000119	LS3/4 SPEED READOUT PICKUP/SENSOR
LP000389	LS5 SPEED READOUT

Hook Depth Calculation Chart

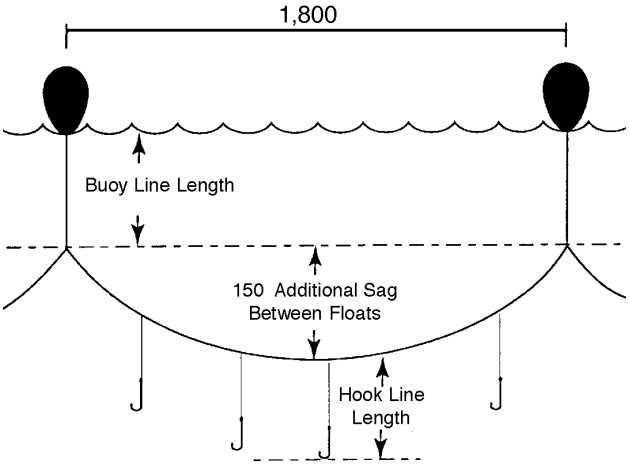
For use with Lindgren-Pitman LS-Series Line Setters

To find the line setter speed setting, you must know the distance between float buoys and the desired sag of the mainline between those floats.

1. Divide the desired sag by the distance between floats.
2. Find the ratio in column A.
3. Multiply the boat speed by the factor from column B.

Example:
With a distance of 1,800 ft between float buoys and a desired additional mainline sag of 150 ft, the calculations would be made as follows.

150 ft desired sag ÷ 1,800 ft between floats = .08.
Locate .08 in the chart from column A, then multiply column B by the boat speed which is 8 knots. 1.017 x 8 (knots) = 8.14



A	B	A	B	A	B
.01	1.000	.18	1.084	.35	1.300
.02	1.001	.19	1.094	.36	1.316
.03	1.002	.20	1.103	.37	1.332
.04	1.004	.21	1.114	.38	1.349
.05	1.007	.22	1.124	.39	1.366
.06	1.010	.23	1.136	.40	1.383
.07	1.013	.24	1.147	.41	1.401
.08	1.017	.25	1.159	.42	1.419
.09	1.021	.26	1.171	.43	1.419
.10	1.026	.27	1.184	.44	1.455
.11	1.032	.28	1.197	.45	1.474
.12	1.038	.29	1.211	.46	1.493
.13	1.044	.30	1.225	.47	1.512
.14	1.051	.31	1.239	.48	1.531
.15	1.059	.32	1.254	.49	1.551
.16	1.067	.33	1.269	.50	1.571
.17	1.075	.34	1.284		

Hauling Blocks

LINDGREN-PITMAN Hauling Blocks

With their unique mounting configuration, these blocks can be hung either as an opened or a closed face, depending on the application. They can also be supported from both sides for situations requiring the block to align perfectly with the direction of line travel to help eliminate leader spin-ups due to mainline twist.

CODE	DESCRIPTION
LP000002	4" BLOCK
LP000003	4" BLOCK BOLT AXLE
LP000004	4" BLOCK CHEEK HALF CLOSE
LP000005	4" BLOCK CHEEK HALF OPEN
LP000061	6" BLOCK ZERK FITTING 1/4"-28NPT STRAIGHT
LP000007	4" BLOCK SHIM WASHER 3/8"
LP000008	4" BLOCK SOCKET HEAD BOLT 5/16"
LP000009	4" BLOCK STAINLESS STEEL ROLLER
LP000010	6" BLOCK
LP000011	6" BLOCK BOLT AXLE
LP000012	6" BLOCK CHEEK HALF CLOSE
LP000013	6" BLOCK CHEEK HALF OPEN
LP000061	6" BLOCK ZERK FITTING 1/4"-28NPT STRAIGHT
LP000015	6" BLOCK SHIM WASHER 1/2"
LP000016	6" BLOCK SOCKET HEAD BOLT 3/8"
LP000017	6" BLOCK STAINLESS STEEL ROLLER

6" CABLE BLOCK (3,000 LBS) DESIGNED FOR 1/8" WIRE CABLE

4" MONO BLOCK (1,000 LBS)

FOR PINCH PULLERS AND BOTTOM FISHING REELS

CUSTOM SEA GEAR 4" Hauling Blocks

Stainless steel blocks in OPEN or CLOSED face versions. U-groove roller is designed for rope and V-groove roller is designed for monofilament or wire.

CODE	DESCRIPTION
CSG00001	4" BLOCK CLOSED FACE ROPE (U-GROOVE)
CSG00002	4" BLOCK CLOSED FACE (V-GROOVE)
CSG00003	4" BLOCK OPEN FACE ROPE (U-GROOVE)
CSG00004	4" BLOCK OPEN FACE (V-GROOVE)
CSG00005	SHIVE (V-GROOVE)
CSG00006	SHIVE ROPE (U-GROOVE)
CSG00007	AXLE BOLT CLOSE FACE
CSG00008	AXLE BOLT OPEN FACE

KOLSTRAND 3" & 4" Hauling Blocks

All sheaves V-grooved for cable wire or monofilament. Moly added to nylon sheave for better bearing. Oilite busing for longer sheave life. Stainless steel fastenings.

CODE	DESCRIPTION
KOL00002	3" BLOCK CLOSED
KOL00003	4" BLOCK CLOSED

FOLBE 3" Nylon Block

Heavy duty multi-use pulley is made of glass-filled nylon for tasks requiring the toughest equipment. It features a nylon sheave and Oilite bushing and stainless steel hardware. The unique open block configuration allows for quicker work when loading and unloading. Comes with hot-dip three-link chain fasteners. #FOL00001

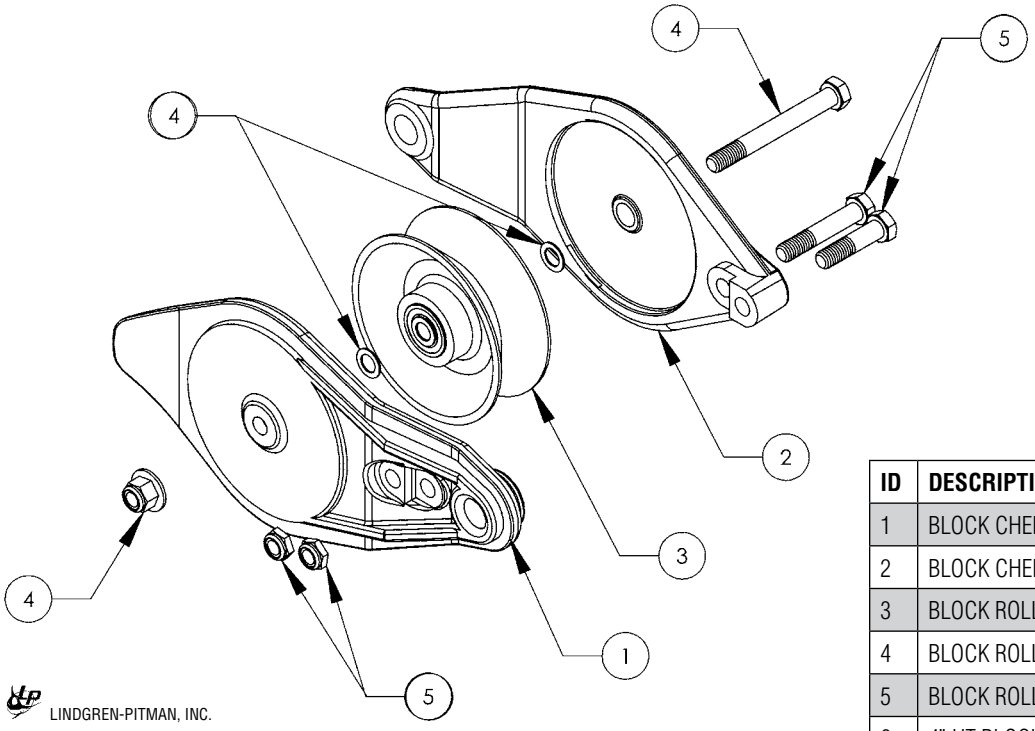
Hauling Blocks

LINDGREN-PITMAN New 4" Block – *NYLON*

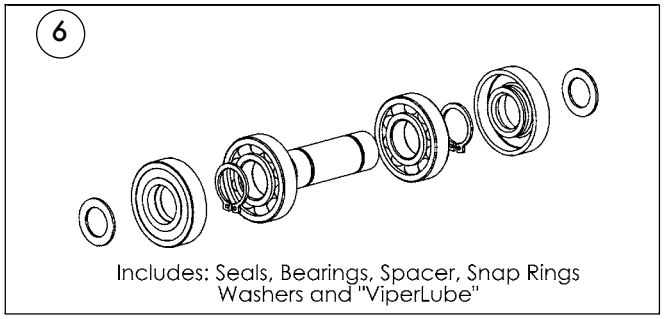
Lindgren-Pitman, Inc., has a new and improved version of their four inch monofilament longline block. The block's housing is glass fiber filled nylon resulting in a block weighing less than three pounds but also stronger and more rugged than competitors.

The new 4 inch block is specifically designed for monofilament longline use and has a maximum load rating of 1,250 pounds, a 25% increase over the previous model. The block has double sealed ball bearings for longer working life and smoother operation. A stainless steel sheave for long term reliability in the harsh environment of continuous longline fishing is standard.

Like the original Lindgren-Pitman monofilament longline hauling block, this uniquely designed block can be used as either an open face or closed face block, or when supported on both ends allows a perfectly aligned monofilament line run with minimal leader spin-ups due to main line twist. #LP000370



ID	DESCRIPTION
1	BLOCK CHEEK-NO HEX POCKETS
2	BLOCK CHEEK-WITH HEX POCKETS
3	BLOCK ROLLER/SHEEVE
4	BLOCK ROLLER AXLE, NUT & WASHERS
5	BLOCK ROLLER HARDWARE FAST KIT
6	4" HT BLOCK BEARING REPAIR KIT



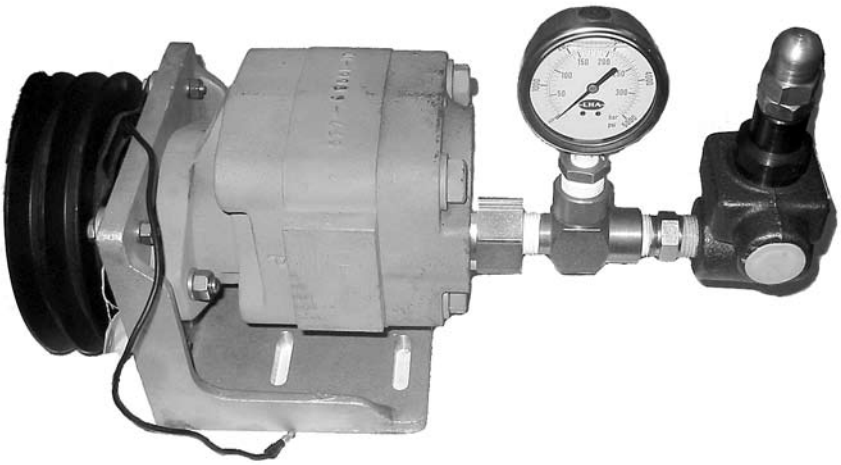
BE ADVISED:
THE BEARING ASSEMBLY IN THE NYLON MODELS DIFFER FROM THE OLDER METAL ONES. WE STRONGLY RECOMMEND CALLING US BEFORE DISASSEMBLING ON YOUR OWN.

Prices?
Prices for our products are published in a separate price list which is available for download at www.pop-hawaii.com or through fax or mail.

Hydraulic Pumps & Valves

PARKER Hydraulic Pump P3000

Pump assemblies come complete with 12GPM (@ 1,000RPM) hydraulic pump, aluminum bracket, 12 or 24V electric clutch, relief valve and pressure gauge.



PAR128

PAR134

PAR127

PAR126

PUMP & PARTS	
CODE	**DESCRIPTION**
PAR130	PARKER HYDRAULIC PUMP (P3000) 12V
PAR139	PARKER HYDRAULIC PUMP (P3000) 24V
PAR129	P3000 BRACKET ONLY V20
PAR131	P3000 SHAFT SEAL
WAR001	P3000 CLUTCH 14179 12V
WAR002	P3000 CLUTCH 24V (SPECIAL ORDER ITEM)
WAR003	P3000 COIL ONLY 12V
WAR004	P3000 COIL ONLY 24V (SPECIAL ORDER ITEM)
WAR005	P3000 CLUTCH PULLEY (SPECIAL ORDER ITEM)
HYDRAULIC VALVES & PARTS	
PAR128	PRESSURE RELIEF VALVE 1/2" JL50HP
PAR132	PRESSURE RELIEF VALVE 3/4" K-RP-75
PAR133	SELECTOR VALVE 1/2" S-50
PAR134	SELECTOR VALVE 3/4" S-75
PAR127	DOUBLE SELECTOR VALVE 3/4" DS-75
PAR126	CUSHION VALVE 1/2" DXV50
PAR135	SPWF DIRECT (SINGLE) CONTROL VALVE
PAR137	SPW4-W4 DUAL CONTROL HANDLE
PAR136	SPW4 SPARE HANDLE

Don't See It Here? Let Us Know How We Can Help You. (808) 537-2905

DYNAMIC FLUID COMPONENTS

Pressure Gauge

2.5" glycerin filled. 3000 psi.
#DFC00001

AMETEK Vacuum Gauge

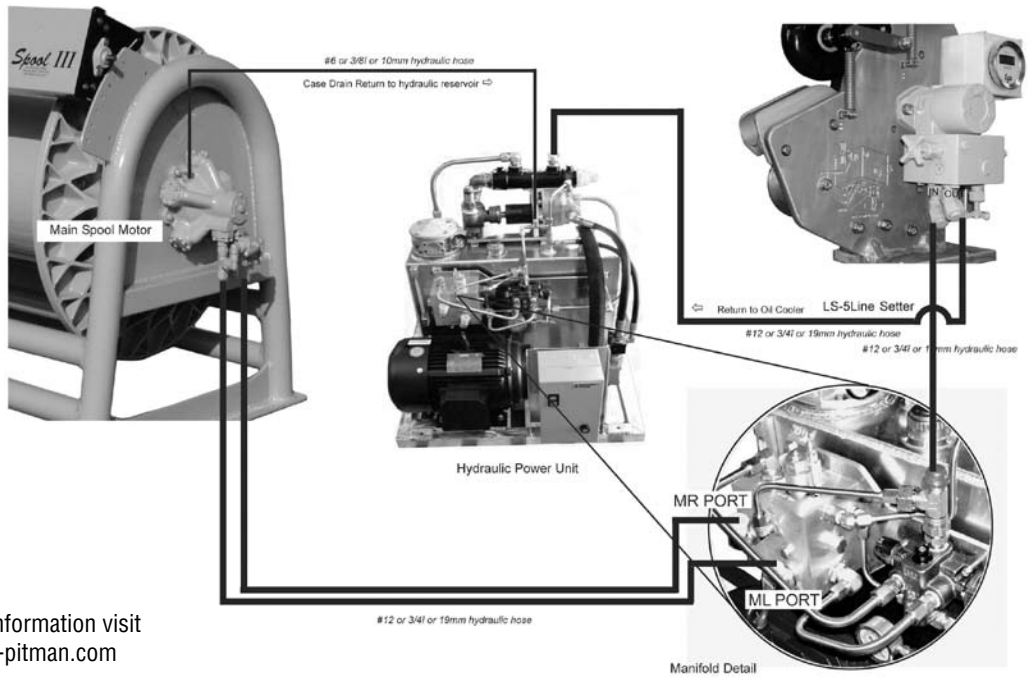
0-30 Hg.
#AMT00001

Hydraulic Packages

LINDGREN-PITMAN Water Cooled Hydraulic Systems

These systems provide the required 10 gpm @ 1,500 psi. They are specifically designed for 5 to100 nautical mile Lindgren-Pitman Longline Systems, with or without line setters. The system comes assembled with a spool control valve which is connected by cable to a remote control station, which is usually located where the mainline is brought aboard the boat. This allows the major components to be located below decks away from the elements. A washdown pump system is also available as an option. This 10 to 16 gpm water pump, which runs continuously when the hydraulic pump is working, makes washing down and fish cleaning a snap. Additionally, it is an ideal way to cool the hydraulic oil.

LP SUPER SPOOL III HYDRAULIC CIRCUIT CONNECTIONS



For more information visit lindgren-pitman.com

BASIC PACKAGE LP00067	
HYDRAULIC PUMP WITH ELECTRIC CLUTCH OR BYPASS VALVE	SPECIFICATIONS
HYDRAULIC OIL FILTER	HYDRAULIC PUMP: 12 GPM @ 1200 RPM, 1500 PSI WASHDOWN PUMP: 10–16 GPM, 1.25" OUTLET REMOTE CONTROL: 30' CABLE PROVIDED
SPECIAL BASE, INCLUDING CONTROL VALVE AND CABLE ATTACHMENT	
REMOTE CONTROL UNIT AND 30' OF CABLE (OTHER LENGTHS AVAILABLE)	
OIL COOLER ASSEMBLY	
THREE (3) SPARE HYDRAULIC OIL FILTERS	

OPTION #1 LP00068
HYDRAULIC OIL COOLER AND WASHDOWN PUMP SYSTEM
WATER PUMP
HYDRAULIC MOTOR
MOUNTING TO TANK ASSEMBLY
FITTINGS TO INSTALL TO TANK ASSEMBLY
INSTALLATION TO TANK ASSEMBLY
WATER IN/OUT INSTRUCTION LABELS
OPTION #2 LP00069
15HP ELECTRIC MOTOR DRIVE SYSTEM INCL ELECTRIC MOTOR SWITCH. SPECIFY VOLTAGE AND FREQUENCY WHEN ORDERING.

HAMMER Electric Power Pack Complete

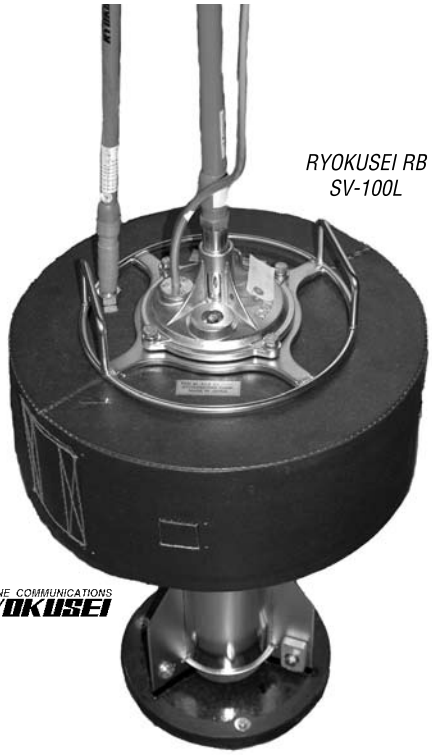
20HP; AMP 47.6/23.8; VOLTS 230/460; 1770 RPM. Please call Export Dept. for more information. Refer to part #HIN00002.

Longline Electronics – Radio Buoys

RYOKUSEI Radio Buoy SV-100L

Highly stable and easy handling unit. All parts are fitted on the printed circuit board to omit troublesome soldering. Printed circuit board is easily readable without removing.

FREQUENCY: *ONE AUTHORIZED (OR AS SPECIFIED) BETWEEN 1610 AND 3000KHZ*
EMISSION: *A1A*
ANTENNA OUTPUT: *3-8W*
EFFECTIVE RANGE: *MORE THAT 220KM @ 8W*
TRANSMISSION CODE: *MORSE ALPHA AND NUMBERS*
ANTENNA: *4.1M THREE STAGE FIBERGLASS*
BATTERY LIFE: *1200 HRS (3W) / 720 HRS (8W)*
POWER: *PACKED DRY CELL KAN-3*
BUOYANCY: *3.5KG*
TOTAL WEIGHT: *22KG*



RYOKUSEI RB SV-100L

KAN-3 BATTERY

CODE	DESCRIPTION
RYO00008	COMPLETE UNIT
RYO00001	ANTENNA
RYO00002	ANTENNA BASE
RYO00003	ANTENNA COIL
RYO00004	ANTENNA TIP
RYO00005	BATTERY PACK
RYO00006	CANISTER/TRANSMITTER LOCK DOWN BOLT
RYO00007	FOAM BASE PAD
RYO00009	FOAM DONUT SPACER
RYO00010	TRANSMITTER O-RING SEAL
RYO00011	TRANSMITTER UNIT
RYO00012	KAN-3 PACKED DRY CELL BATTERY

SEL-CALL Buoy SV-C100. SV-C100L

The difference between the radio buoy and the SEL-CALL buoy is that the sel-call is equipped with a receiver. This receiver can pick up the radio wave, calling code generated by the SVC-S21, which is transmitted by the SVC-706T. The sel-call buoy transmits the radio wave only if a calling code is correct. As the sel-call buoy transmits ONLY when called by your coded transmitter: id confusion is avoided; its theft deterrant; and battery life increases. Call us for more information.

OPI Radio Buoy

Made in Taiwan. Only for use outside U.S.
Operates on 36 D-Cell batteries (not included).

CODE	DESCRIPTION	CODE	DESCRIPTION
OPI00117	COMPLETE UNIT	OPI00122	WRENCH 13MM
OPI00107	ANTENNA	OPI00158	FOAM PAD
OPI00108	ANTENNA BASE	OPI00159	FOAM SPACER
OPI00109	ANTENNA COIL	OPI00325	TRANSMITTER O-RING SS
OPI00110	ANTENNA LEAD	OPI01206	TRANSMITTER O-RING AL
OPI00111	ANTENNA TIP	OPI01213	TRANSMITTER UNIT
OPI00112	BATTERY PACK	THIS UNIT CANNOT BE USED INSIDE THE UNITED STATES. FOR EXPORT OUTSIDE U.S.A. ONLY.	
OPI00113	SS CANNISTER		
OPI00114	CANNISTER BOLT		
OPI00115	FLOTATION COLLAR		
OPI00116	FLOTATION COLLAR LACE		
OPI00118	CONTROL KNOB		
OPI00119	SWITCH ACTUATOR		

Engines, Generators, Controls

Pacific Ocean Producers Gets You Underway

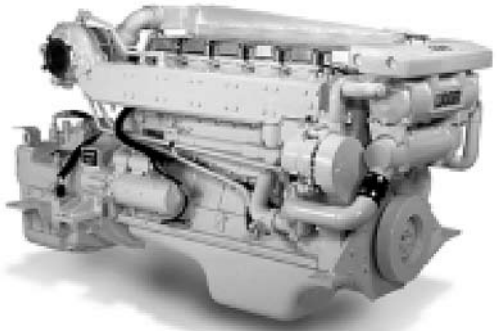
If you're looking for MARINE ENGINES, GENERATORS, AND ENGINE CONTROLS, CABLES, AND ACCESSORIES for your vessel, we are the distributors for top of the line manufactures like Northern Lights, ZF Marine, and TeleflexMorse. We have extensive knowledge in this area, as well as established shipping networks and techniques . We can get what you need, when you need it, where you need it.

NORTHERN LIGHTS® | LUGGER

Northern Lights marine generators and Lugger diesel engines are the state of the art in marine power solutions. Northern Lights manufactures a complete line of 50 and 60 Hz marine generator sets from 4.5 to 520 kW. Powered by rugged Lugger diesels and proven in commercial fishing boats, high-performance yachts and passenger vessels, Northern Lights generators provide unmatched quality and reliability.

Northern Lights builds anvil-tough Lugger marine diesels from 30 to 900 HP. Originally designed for the uninterrupted operation necessary on commercial vessels, Lugger engines are recognized worldwide for performance, fuel efficiency, rugged reliability, and long-life dependability.

Lugger's design philosophy has been it's strength from the beginning. Fresh and raw water pumps are gear-driven to eliminate belts. Most hoses and leak points have been engineered away. Most service points are grouped on one side to be easily accessible. And the jacket-water cooled turbocharger has been low and at the rear of the engine for ease of installation and service.



ZF Marine Electronics, formerly Mathers Controls, pioneered the development of single-lever marine controls and introduced the industry's first multi-station electronic control system. The product line, supported by a worldwide sales and service network, includes the 9000 Series & CruiseCommand Systems, MasterCommand, pneumatic systems and shaft brakes.

Teleflex Morse®
A Division of Teleflex Incorporated (USA)

The Teleflex Morse division is a global supplier of throttle and transmission controls, cable controls, actuation, and components. Teleflex Morse leads the industry in providing engineering expertise, global support for our customers and applications knowledge.

CABLES AND CONTROLS Teleflex® MARINE

SLAVE AND DETENTE UNITS BY Hynautic®

Sales and Service: 808-537-2905 • www.pop-hawaii.com

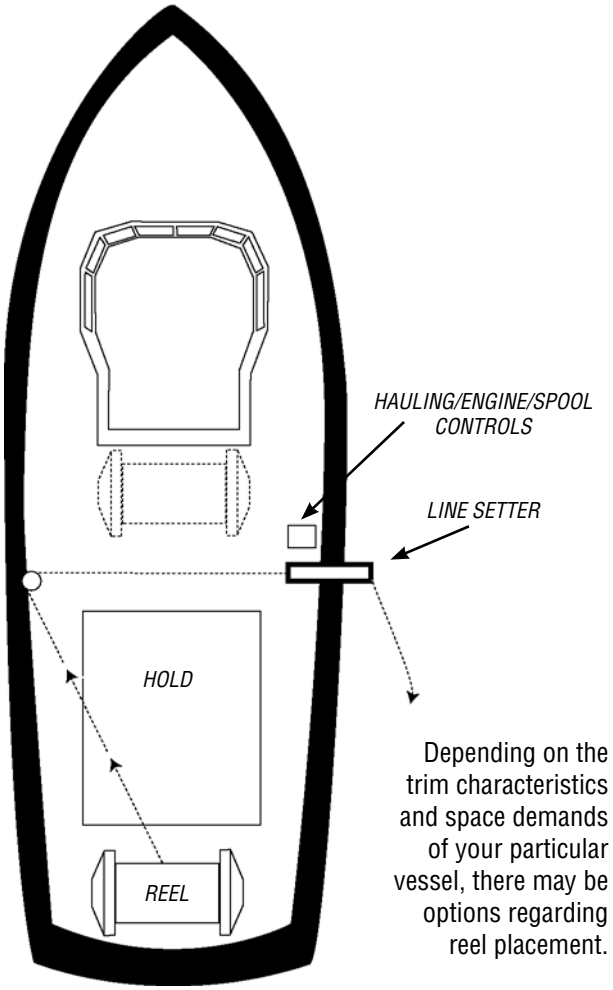
Sidesetting - A Better Way To Fish!

Sidesetting is a tested and proven method for setting monofilament longlines more efficiently and effectively than the older backset (stern-setting) method. As the innovators of this technique, we have vast experience designing systems for all sizes and shapes of vessels. There are several key features in this advanced fishing method:

- Bird mitigation reduced by 98%. When sideset, baited hooks enter the water and sink below the surface sooner and out of reach of feeding birds. Also, the birds are less prone to approach closer to crew and equipment at the side of the boat.
- Reduced bait loss due to prop wash. Baited hooks are no longer being tossed into churning wash at the back of the boat's propeller(s), which can blow baits off the hooks. More hooks stay baited, more hooks get fish.
- Less labor intensive. Personnel, gear hook line and float tubs don't have to be moved much or very far when setting and hauling occur at the same area of the deck.

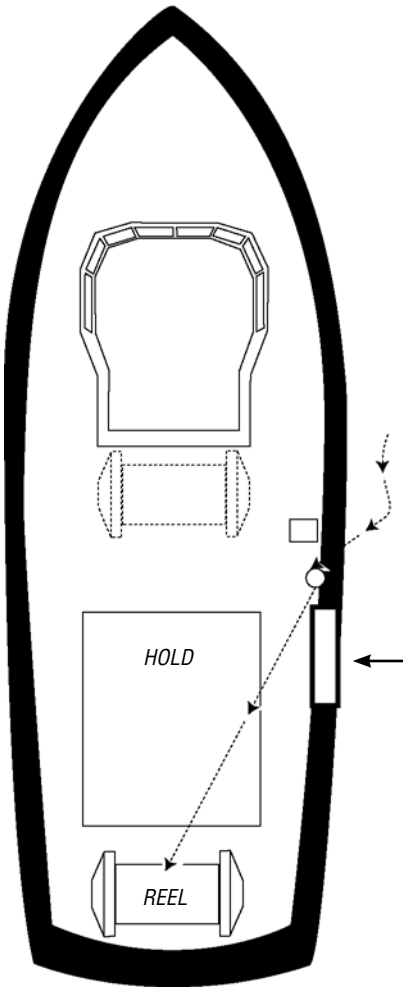
Smaller Vessels

SETTING MODE



Depending on the trim characteristics and space demands of your particular vessel, there may be options regarding reel placement.

HAULING MODE



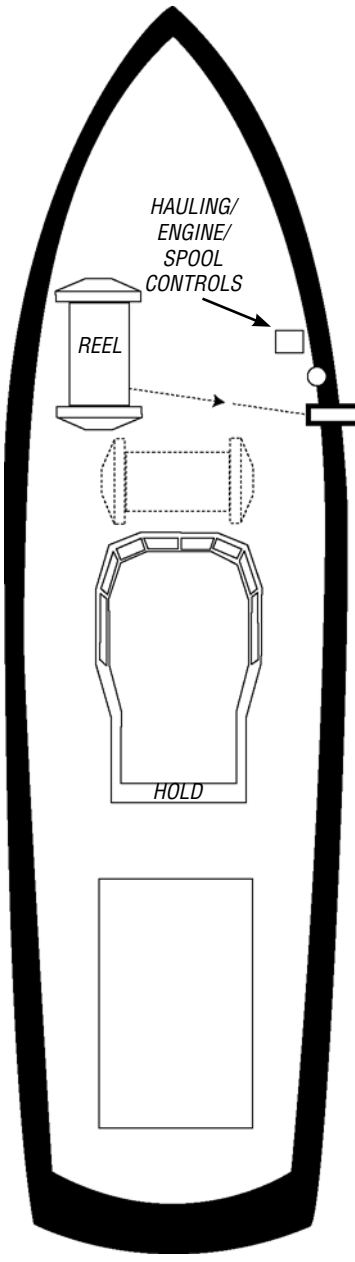
Line Setter can be moved out of the way when hauling.

Would you like to know more about our revolutionary fishing system designs? We'll gladly take you step by step and design an effective fishing system customized for your vessel and fishery.

save time. save money.

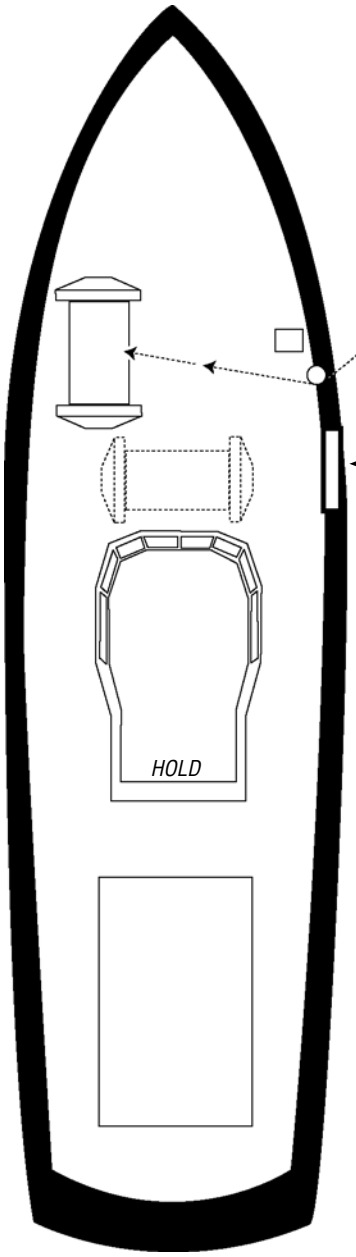
Larger Vessels

SETTING MODE



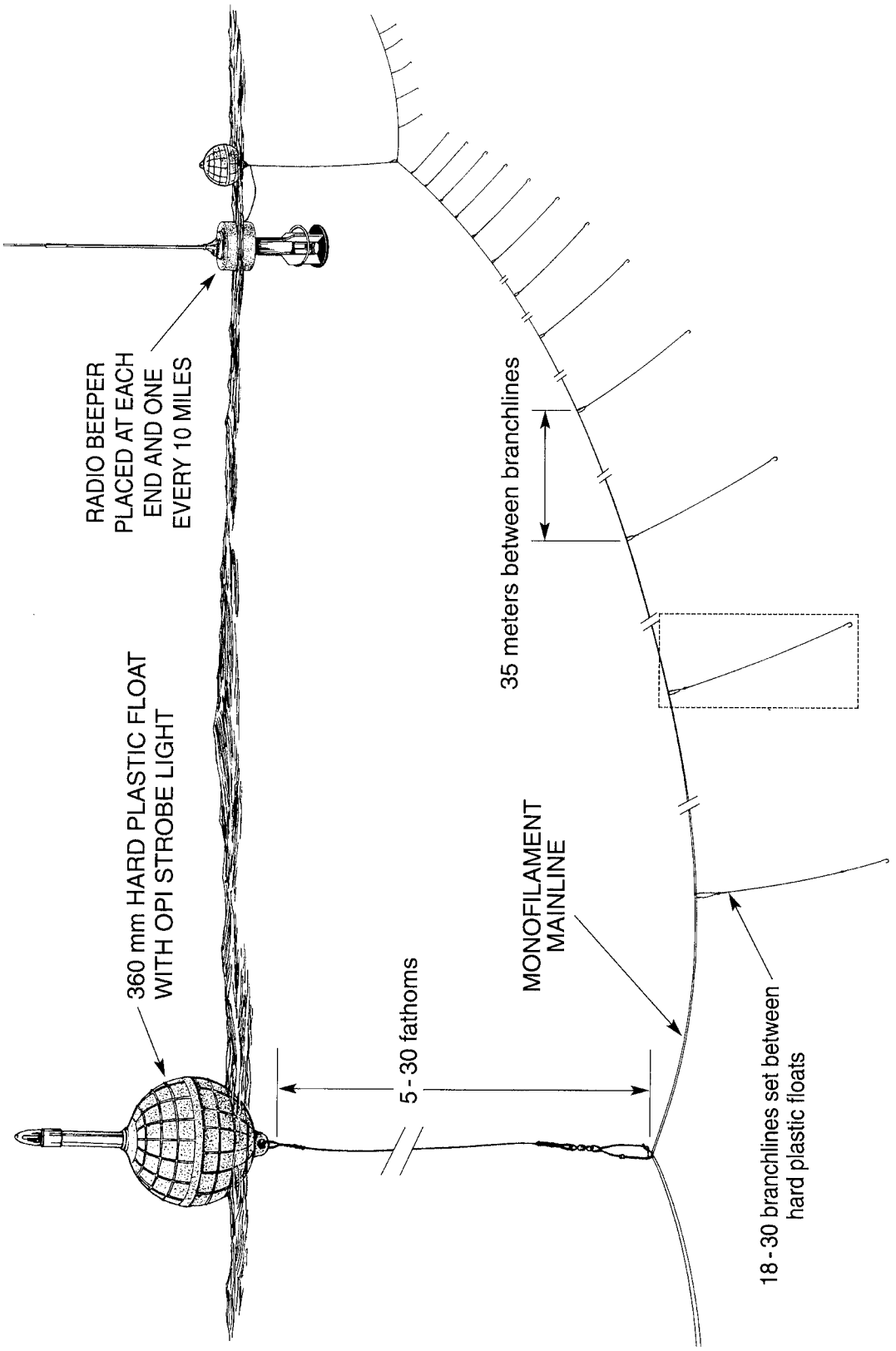
Depending on the trim characteristics and space demands of your particular vessel, there may be options regarding reel placement.

HAULING MODE



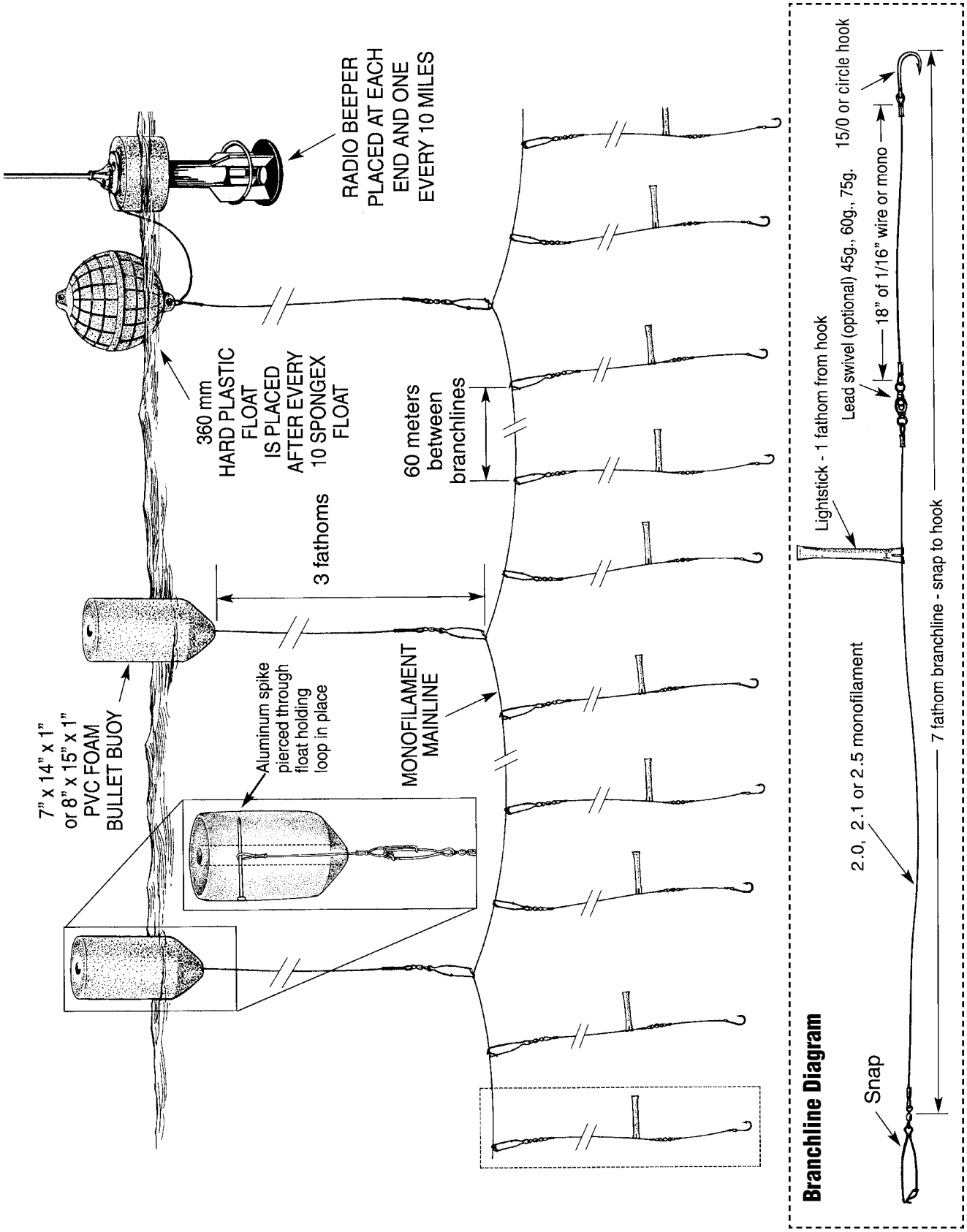
Line Setter can be moved out of the way quickly and easily when hauling.

Longline Setup for TUNA



Branchline Diagram

Longline Setup for SWORDFISH



Sample Tackle/Gear List

These sample lists are meant to serve as a general guideline and are not intended to reflect absolute requirements for all vessels and fishing techniques. Individual specifications may vary. Our expert and experienced staff is here to take you step by step through the customization of your fishing system.

Longline Tuna

For a 16 meter or longer vessel, 54 nautical mile longline system.

EQUIPMENT

QTY	DESCRIPTION
1	40 X 80 SUPER SPOOL REEL
1	LS-5 LINE SETTER
1	LS-5 SPEED READ OUT
1	LS-3/4 TIMER 2 COMPLETE
4	HAULING BLOCK
4	HOOK TUB
2,500 LB	3.6 MM MONOFILAMENT
350 LB	2.0 MM MONOFIALMENT

GEAR/TACKLE

10,000	"D" ALUMINUM CRIMPS
6	SLIMING KNIVES
6	WIDE BONING KNIVES
2	MEAT SAW
12	MEAT SAW SPARE BLADES
100	360 MM FLOAT
6	GAFFS (3" TO 5")
1,800	60G LEAD SWIVEL
2	SUPER HOOK GAFF
4	GAFF 24" (SQUARE HANDLE)
2,000	3.6MM RING HOOKS
10 COILS	GREEN TUBING
2,000	SNAP #148 W/ 8/0 SWIVEL
200	SNAP #148 W/ 9/0 SWIVEL
6	MONOFILAMENT CUTTER
2	BENCH CRIMPER
2	DUCT TAPE ROLL
5 COILS	6.4MM FLOAT LINE
10	STROBE LIGHTS

ELECTRONICS

1	SURFACE TEMP UNIT
1	TAIYO ADF
1	RADIO BUOY, LARGE

Longline Swordfish

For a 16 meter or longer vessel, 54 nautical mile longline system.

EQUIPMENT

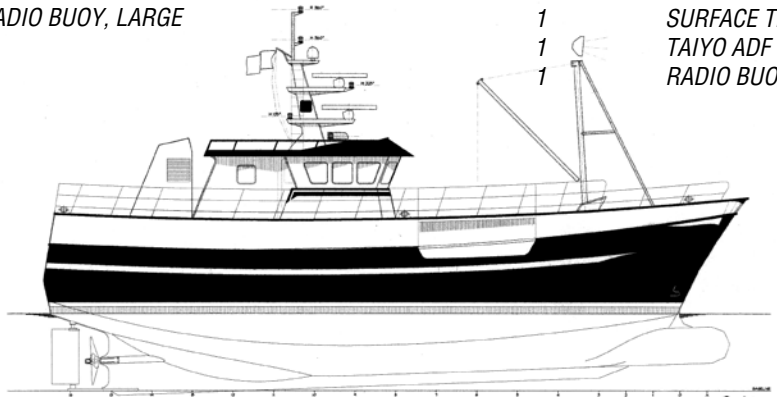
QTY	DESCRIPTION
1	40 X 80 SUPER SPOOL REEL
1	LS-5 LINE SETTER
1	LS-5 SPEED READ OUT
1	LS-3/4 TIMER 2 COMPLETE
4	HAULING BLOCK
4	HOOK TUB
2,500 LB	3.6 MM MONOFILAMENT
350 LB	2.0 MM MONOFIALMENT

GEAR/TACKLE

10,000	"D" ALUMINUM CRIMPS
1,000	"L" ALUMINUM CRIMPS
6	SLIMING KNIVES
6	WIDE BONING KNIVES
2	MEAT SAW
12	MEAT SAW SPARE BLADES
20	FLOAT LD-2 (12" X 23")
10	360MM FLOAT
200	BULLET BUOY (7" X 14")
5	GAFFS (3" TO 5")
2	SUPER HOOK GAFF
4	GAFF 24" (SQUARE HANDLE)
1,000	CIRCLE HOOKS
1,500	SNAP #148 W/ 8/0 SWIVEL
6	WIRE BRUSH
6	MONOFILAMENT CUTTER
2	BENCH CRIMPER
1	CRIMP TOOL
6 ROLLS	DUCT TAPE
1 COIL	6.4MM FLOAT LINE
10	STROBE LIGHTS

ELECTRONICS

1	SURFACE TEMP UNIT
1	TAIYO ADF
1	RADIO BUOY, LARGE



Storage – Bins

SAEPLAST Insulated Bins

Manufactured from FDA/USDA approved materials. Stackable three-high, and have 4-way forklift entry. Advanced 4-point lid locking system provides maximum security and insulation. Designed to withstand great stress. Smooth surfaces for easy cleaning. Lids included.

CODE	MODEL	OUTSIDE DIM. (INSIDE DIM.)			CAPACITY			WT (LB)
		L"	W"	H"	GAL	CU FT	LB	
SAE001	D305	32 (27.1)	24 (19.2)	24 (21.3)	46	6	670	47
SAE003	DX310	43 (35.75)	22 (19.25)	30 (24)	70	10	550	60
SAE004	DX310F	43 (35.75)	22 (19.25)	30 (24)	70	10	550	66
SAE005	DX312	42 (34.25)	31 (28.25)	26 (19.7)	77	NA	NA	71
SAE006	DX318	47.5 (43.5)	42.5 (38.75)	27.5 (19.7)	136	18	1100	88
SAE007	DX327	47.5 (44)	42 (39)	33.75 (27.5)	187	27	1500	119
SAE008	DX332	47.5 (44)	42 (39)	38.5 (30.75)	235	32	1750	134
SAE002	D337	72 (68)	41 (27)	30 (27)	264	NA	2200	141

MAGNUM Fixed-Wall Pallet Containers

FDA approved materials for cleanliness. 4-way forklift entry. Unmatched structural integrity and durability. Positive stacking interlock. Lids sold separately.

CODE	MODEL	OUTSIDE DIM. (INSIDE DIM.)			CAPACITY			WT (LB)
		L"	W"	H"	GAL	CU FT	LB	
MAG001	1200 (BLK)	42 (39)	29 (26)	28 (23)	97	13	900	69
MAG009	1200 (BLK LID)							
MAG002	1200 (WHT)	42 (39)	29 (26)	28 (23)	97	13	900	69
MAG006	1200 (WHT LID)							
MAG003	2000 (BLK)	48 (45)	44 (41)	29 (24)	195	26	1200	95
MAG007	2000 (BLK LID)							
MAG004	2000 (WHT)	48 (45)	44 (41)	29 (24)	195	26	1200	95
MAG008	2000 (WHT LID)							

ARCA Xtec Collapsible Pallet Container

Perfect for storing and moving a variety of small parts as well as dense, heavy loads. The numerous access and bulk door configurations make it an adaptable container with the ability to satisfy a multitude of materials handling needs. Lids sold separately.

ARCA

TOTE

CODE	DESCRIPTION	OUTSIDE DIMENSIONS		
		L" X W" X H"		
ARA001	XYTEC COLLAPSIBLE BIN	32	30	34
ARA003	LID FOR ARA001			
ARA002	XYTEC COLLAPSIBLE BIN	48	45	34
ARA004	LID FOR ARA002			

TOTE Storage Bins

CODE	DESC	L" X W" X H"			CAPACITY
IPL002	GREEN	32	18	11.5	70 L
IPL003	GREY	35	19	14	100 L
IPL001	LID (70L)				

Storage – Hook Bins & Fish Bags

Hook Tub

Durable construction with marine environment in mind. Primarily used for storing hook line leaders, they are equally adept for storing buoy line leaders. Stainless steel racks and fasteners provide long life in harsh environments. The small model typically holds approximately 220 leaders, while the large bin can hold approximately 425 leaders.

CODE	SIZE
OPI121	SMALL (23" X 23" X 39")
OPI120	LARGE (29" X 42" X 39")

OPI Fish Bags

These vinyl closed cell foam constructed fishbags are great for vessels with limited space. Designed with a corrosion resistant nylon zipper and drainplug. Intended for use in fishboxes, on deck, or truck beds. Three models to choose from: Single-Insulated, Double-Insulated, and High-Capacity. The Double-Insulated models have double thick foam insulation to hold ice colder longer. High-Capacity has a special fold-out bottom to accomodate more and wider fish as well as more ice for even longer trips. Special freight and handling charges apply. Blue with black trim.

CODE	LGTH	DESCRIPTION
OPI00339	5'	SINGLE INSULATION
OPI00346	6'	SINGLE INSULATION
OPI00353	7'	SINGLE INSULATION
OPI00160	3'	DOUBLE INSULATION
OPI00161	4'	DOUBLE INSULATION
OPI00360	5'	DOUBLE INSULATION
OPI00377	6'	DOUBLE INSULATION
OPI00384	7'	DOUBLE INSULATION

CODE	LGTH	DESCRIPTION
OPI00391	5'	HIGH-CAPACITY
OPI04070	6'	HIGH-CAPACITY
OPI50004	7'	HIGH-CAPACITY

Prices?

Prices for our products are published in a separate price list which is available for download at www.pop-hawaii.com or through fax or mail.

Green Stick Fishing System

Greenstick fishing has been known to Hawaiian fishermen since the early 70's. Primarily used for ahi (tuna) fishing, stick users know that anything can bite the rig. A 500-1200# test mainline up to 150-300 yards long is towed from an oversized outrigger or "greenstick". Greensticks range from 25' to 50' tall and suspend a mainline that is kept taut by a specially designed wood "bird" on the end. From this mainline, 4-8 baits are suspended from leaders or "branchlines". When set up properly and towed at the optiumum speed, the baits dance in and out of the water in a "dipping" motion by tugging an "action" line. Like an outrigger, the mainline breaks away from the greenstick during a strike, leaving the angler to haul in the mainline using hydraulic or electric reels, a modified 130lb class trolling rod and reel or even by hand. The strikes are often dynamic and explosive with large ahi leaping out of the water at the dancing baits. Double and triple-strikes on this rig are not unheard of. The origins of greenstick fishing however, remained muddled for years as stick fishing was utilized by only a handful with some keeping the technique secretive to say the least.

The history of the greenstick goes back to the 1960s, in the Shikoku area of Japan. The Shikoku fishermen were searching for a method to troll as many baits as they could around the bait balls that attracted buri(yellowtail) and other species. These innovative fishermen were said to have developed the greenstick technique by attempting to mimic the New Guinea kite fishermen which allowed their baits to dance in and out of the water with incredible results. The Shikoku fishermen successfully replicated this technique utilizing long green bamboo poles (hence the name greenstick) instead of kites, and in doing so were overly-successful. The rig worked so well in fact, that large hon-maguro (bluefin tuna) would strike the baits with such force and weight they would frequently break the natural bamboo poles.

Enter Yukinobu Shibata. He and fellow fisherman Tokuda-san, recognizing the problem, teamed up with an acquaintance Hamaguchi-san who manufactured specialty fiberglass products that included katsuo (aku) poles and outriggers. Together, they developed a heavy-duty sectional fiberglass pole that to this day is still known as a greenstick.

Shibata and Tokuda brought the first greenstick to Oahu in 1973. Their initial fishing expeditions were so successful that 10 more greensticks were soon shipped to Hawaii. A couple years later in 1975, Shibata and Tokuda brought 3 sticks to Kailua-Kona and developed partnerships to import more greensticks into Hawaii. Over the years, Shibata and Tokuda developed relationships with many Hawaii anglers and charter captains, not only teaching the technique, but learning of other fishermen's stick-fishing innovations along the way.

The technique did not stay hidden in Japan and Hawaii for long. In the 1980's, the first greenstick made its way across the U.S. to North Carolina where it found great success. The technique even caught the attention of the Portuguese Government who invited Shibata to consult on this unique fishing method. Since then greenstick use has spread from the East Coast of the United States to Mexico's Baja Peninsula and as far as Central America.

Questions were raised on why the greenstick hasn't taken over traditional offshore trolling given its high success rate. Shibata simply explains "Not many did it right. And no one really wanted to teach the style."

The greenstick has endured several design variations over the years. The color changed from the original green to a purple (lavender) color. Other manufacturers attempted to replicate the greenstick but to date, no one has been successful. "Total balance" is what Shibata claims to make greenstick fishing work. Everything from the composition of the stick, down to the design of the bird has to be in complete balance for the baits to "dance" properly.

Just prior to 2000, Shibata began work again with manufacturer Hamaguchi-san to incorporate new carbon-fiber and composite materials in what he now calls the Hawaiian Hybrid. This new carbon-fiber/composite stick he says is "the one". The name "Hawaiian Hybrid" may in retrospect, actually be a tribute to Hawaii, given his fondness and aloha for the islands and ahi fishing in Hawaii.

Call or email us for more information about our exlcusive greenstick fishing system.

Monofilament - Leader & Main Lines

OPI

The "original" OPI has remained our #1 selling monofilament for over 15 years. Its huge popularity is due to a combination of great strength, durability and attractive price. Available in 5 lb coils. Case lots and sizes 3.0 mm and larger available upon request.

OPI			
CLEAR	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00078	1.8	300	5 LB COIL (800 YD)
OPI00080	2.0	400	5 LB COIL (650 YD)
OPI00083	2.1	450	5 LB COIL (550 YD)
GREY	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00079	1.8	300	5 LB COIL (800 YD)
OPI00081	2.0	400	5 LB COIL (650 YD)
OPI00084	2.1	450	5 LB COIL (550 YD)
PINK	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00082	2.0	400	5 LB COIL (800 YD)
OPI00085	2.1	450	5 LB COIL (550 YD)

OPI-K

The newest addition to the OPI line of quality monofilament and fast becoming a commercial fleet favorite because of its low cost and high value. Available in PINK, LIGHT BLUE and CLEAR.

OPI-K			
CLEAR	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00471	2.0	400	5 LB COIL (710 YD)
OPI00474	2.1	450	5 LB COIL (650 YD)
OPI00477	3.2	930	190 LB SPOOL (5 N. MI.)
OPI00478	3.5	1100	215 LB SPOOL (5 N. MI.)
OPI00479	3.6	1150	230 LB SPOOL (5 N. MI.)
OPI00499	3.8	1200	230 LB SPOOL (5 N. MI.)
LT. BLUE	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00472	2.0	400	5 LB COIL (710 YD)
OPI50047	2.1	450	5 LB COIL (1000 YD)
OPI00497	3.6	1150	230 LB SPOOL (5 N. MI.)
PINK	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00473	2.0	400	5 LB COIL (710 YD)
OPI04764	2.1	450	5 LB COIL (830 YD)
OPI00498	3.6	1150	230 LB SPOOL (5 N. MI.)

OPI PLUS

OPI PLUS Without high marketing and branding costs to pay, this is an example of a super premium grade monofilament at a non-premium price. The line of choice for those who appreciate a high breaking strength combined with adequate softness that's desired for easy lay in storage bins. For greater visibility when hauling at night, try the **flourescent mainline** formula.

OPI PLUS			
CLEAR	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00636	1.8	300	50 LB SPOOL (8000 YD)
OPI00634	1.8	300	5 LB COIL (800 YD)
OPI00629	2.0	400	50 LB SPOOL (6500 YD)
OPI00625	2.0	400	5 LB COIL (650 YD)
OPI00631	2.1	450	50 LB SPOOL (5500 YD)
OPI00627	2.1	450	5 LB COIL (550 YD)
OPI00639	3.2	900	170 LB SPOOL (5 N MI)
OPI00633	3.6	NA	230 LB SPOOL (5 N MI)
OPI00638	3.8	1240	230 LB SPOOL (5 N MI)
FLUORESCENT	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00637	3.6	NA	230 LB SPOOL (5 N MI)
LT. BLUE	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
OPI00635	1.8	300	5 LB COIL (800 YD)
OPI00630	2.0	400	50 LB SPOOL (6500 YD)
OPI00626	2.0	400	5 LB COIL (650 YD)
OPI00632	2.1	450	50 LB SPOOL (5500 YD)
OPI00628	2.1	450	5 LB COIL (550 YD)

Prices?
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Monofilament - Leader & Main Lines

LP PRIMELINE Manufactured by longline fishing experts Lindgren-Pitman, this line has been one of the most popular commercial monofilaments for years. Known for its durability and superior knot strength, this technologically advanced monofilament provides a desired balance of stretch, strength, and abrasion resistance.

LP PRIMELINE			
CLEAR	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
LP266	2.0	400	25 LB SPOOL (3583 YD)
LP271	2.1	450	25 LB SPOOL (3250 YD)
LP278	2.5	550	25 LB SPOOL (2291 YD)
LP255	3.0	700	170 LB SPOOL (5 N. MI.)
LT. BLUE	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
LP269	2.0	400	25 LB SPOOL (3583 YD)
LP274	2.1	450	25 LB SPOOL (3250 YD)
DK. BLUE	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
LP267	2.0	400	25 LB SPOOL (3583 YD)
LP272	2.1	450	25 LB SPOOL (3250 YD)
RED	**MM**	**LB TEST**	**QTY (APPROX. LENGTH)**
LP270	2.0	400	25 LB SPOOL (3583 YD)
LP275	2.1	450	25 LB SPOOL (3250 YD)

MONOFILAMENT MEASUREMENTS

1 NAUTICAL MILE = 6,076 FEET (1,852 METERS)

LEADER LINE MONOFILAMENT (1.8MM – 2.5MM)										
MM	**TEST (LB)**	**LENGTH PER POUND (LB)**			**5 LB(2.27 KB) COIL**			**25 LB (11.36 KG) SPOOL**		
		FEET	**METERS**	**FATHOMS**	**FEET**	**METERS**	**FATHOMS**	**FEET**	**METERS**	**FATHOMS**
1.8	300	530	162	88	2650	808	442	13250	4039	2208
1.9	350	480	146	80	2400	732	400	12000	3658	2000
2.0	400	430	131	71	2150	655	358	10750	3277	1792
2.1	450	390	119	65	1950	594	325	9750	2972	1625
2.3	500	325	99	54	1625	495	271	8125	2477	1354
2.5	550	275	84	45	1375	419	229	6875	2096	1146

MAIN LINE MONOFILAMENT (3.0MM – 4.5MM)								
MM	**TEST**		**WT PER NAUTICAL MILE (NM)**		**50LB (22.68 KG) SPOOL**		**5 NM (9.26 KM) SPOOL**	
	LB	**KG**	**LB**	**KG**	**NM**	**KM**	**LB**	**KG**
3.0	700	386	34	15.5	1.56	2.88	170	78
3.2	800	432	36	16.3	1.39	2.57	190	82
3.5	900	523	43	19.5	1.16	2.14	215	98
3.6	1000	568	46	20.1	1.09	2.02	230	105
4.0	1200	545	56	25	0.89	1.65	280	127
4.2	1400	640	62	28	0.81	1.50	310	141
4.5	1600	730	71	32	0.70	1.30	355	161

HAWAII'S #1 SPORT FISHING SOURCE

The Best Trolling Lure and Skirt Selection in the Pacific

HIGH PERFORMANCE GEAR • APPAREL • BAIT • CUSTOM LURES

Snaps

The **nose** measures the inside diameter. We have 1/8" and 3/16" sizes to accomodate different line sizes. The 1/8" nose accepts 3.0 mm up to 3.3 mm line. The 3/16" nose accepts 3.5 mm up to 4.0 mm line.

1	OPI SNAP BRANCH	
	CODE	SIZE
	OPI04511	2.0 MM GAUGE X 80 MM LENGTH
	OPI00452	2.6 MM GAUGE X 100 MM LENGTH
	OPI00453	3.5 MM GAUGE X 135 MM LENGTH
2	CANADA SNAP WITH SWIVEL	
	CAN00001	.135" DIA X 1/8" NOSE X 8/0 SWVL
	CAN00002	.148" DIA X 1/8" NOSE X 8/0 SWVL
	CAN00003	.148" DIA X 1/8" X 500# #4410BB
3	FORTRESS FORMS SNAP WITH SWIVEL	
	FF00600	.0915" DIA X 1/8" NOSE X 4/0 (MINI)
	FF00601	.135" DIA X 1/8" NOSE X 8/0
	FF00602	.135" DIA X 1/8" NOSE X 9/0
	FF00603	.135" DIA X 3/16" NOSE X 8/0
	FF00604	.135" DIA X 3/16" NOSE X 9/0
	FF00605	.148" DIA X 1/8" NOSE X 8/0
	FF00606	.148" DIA X 1/8" NOSE X 9/0
	FF00607	.148" DIA X 3/16" NOSE X 8/0
	FF00608	.148 " DIA X 3/16" NOSE X 9/0
4	OPI SNAP BRANCH SBL	
	CODE	SIZE
	OPI00454	3.5 MM GAUGE X 125 MM LENGTH
5	OPI SNAP LOBSTER WIRE	
	OPI01350	150 MM LENGTH

Fishing Lights

The Electralume emerged as the next generation of fishing lights. Using LED illumination, the Electralume doesn't fade overnight like chemical lights. With a battery life up to 500 hours and five different colors, the Electralume offers a consistent, high-intensity light that attracts fish and offers reusable light.

ELECTRALUME® INNOVATIVE FISHING LIGHTS

CODE	DESC	BATTERY
LP041	BLUE	ALKALINE
LP042	BLUE	LITHIUM
LP043	BLUE/GREEN	ALKALINE
LP044	BLUE/GREEN	LITHIUM

Chemical Lightsticks

Designed and engineered for commercial fishing use. Lights attract more fish than bait alone.

1. LP DURALUME VALOR 34	
CODE	DESC
LP000384	BLUE
LP000385	GREEN
LP000386	PINK
LP000387	WHITE
2. OPI LIGHTSTICK 6"	
CODE	DESC
OPI00700	GREEN
OPI00701	PINK
OPI00702	BLUE

Terminal Tackle – Ring/Circle Hooks

The industry standard among commercial fishermen, circle hooks are designed to reduce gut-hooking and lower mortality rate by facilitating corner mouth and jaw hooking. Circle hooks are self-setting. The ringed models provide more freedom of movement and greater hookup ratio.

1 2 3 4 5

OPI Stainless Steel Ring Hook (1 & 2)

Favored by Japanese and Hawaiian tuna longliners. Rings allow baited hooks greater range of movement. We have high-quality Japanese (1) and Korean (2) made models. Sold individually or in boxes of 100 (Korean) and 50 (Japanese).

OPI RING HOOKS (JAPAN)		
CODE	**SIZE**	**QTY**
OPI00023	3.6 MM	50/BOX
OPI RING HOOKS (KOREA)		
OPI00446	3.4 MM	100/BOX
OPI00447	3.6 MM	100/BOX

OPI Stainless Steel Circle Hook (3 & 4)

The preferred choice among tuna and bottom fisheries. Slight offset design promotes higher hookup ratio. Available in ringed model (4). Sold individually or in boxes of 100.

OPI CIRCLE HOOKS		
CODE	**SIZE**	**QTY**
OPI00440	11/0	100/BOX
OPI00441	12/0	100/BOX
OPI00442	13/0	100/BOX
OPI00443	14/0	100/BOX
OPI00462	15/0	100/BOX
OPI00445	16/0	100/BOX
OPI CIRLCE HOOK W/ RING		
OPI00491	14/0	100/BOX
OPI00492	15/0	100/BOX
OPI00493	16/0	100/BOX
OPI00494	18/0	100/BOX

MUSTAD Galvanized Circle Hook 39960D & 3996DT(5)

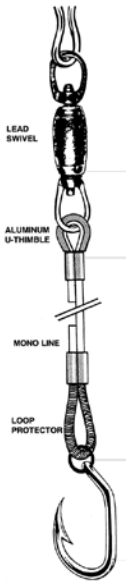
About 1/2 the price of stainless steel. Available in an "extra sturdy" version* (size 16/0 only). Sold in boxes of 100.

MUSTAD CIRCLE HOOKS		
CODE	**SIZE**	**QTY**
MUS25395	8/0	100/BOX
MUS25396	9/0	100/BOX
MUS09916	10/0	100/BOX
MUS09922	11/0	100/BOX
MUS09927	12/0	100/BOX
MUS09932	13/0	100/BOX
MUS09937	14/0	100/BOX
MUS09941	15/0	100/BOX
MUS09945	16/0	100/BOX
MUS28068	18/0	100/BOX
MUS28069	19/0	100/BOX
MUS26971	20/0	100/BOX
MUS26971*	16/0	100/BOX

U-Thimbles

Protects leader at swivel.

CODE	DESC	QTY
OPI00151	ALUMINUM	500
OPI00152	PLASTIC	500
OPI00153	STAINLESS STEEL	100



Chafe Tubing

Abrasion resistance for mono or wire. Green vinyl.

CODE	DESC	QTY
OPI50025	2.0 MM	500
OPI50032	2.2 MM	500

OPI Tubing

Plastic chafe resistant tubing for mono. Sold approx 150' coils.

CODE	DESC
OPI00154	CLEAR
OPI00155	GREEN
OPI00156	GRN GLOW

NICHOLSON MILL Bastard File

10" steel file for hook sharpening. #NIC00001

Terminal Tackle – Swivels & Sleeves

Barrel Swivel

Nickel plated brass. Locked eyes, one-piece swivel barrel. Sold 100 per package.

CODE	SIZE
ROS00004	6/0
ROS00005	8/0
ROS00006	9/0
ROS00007	12/0

3-Way Interlock Swivel

Sold 50 per package.

CODE	SIZE
ROS00001	6/0

Triangle "Oyako" Swivel

Sold 100 per package.

CODE	SIZE
OPI00061	1X1
OPI00062	2X2
OPI00063	3X3
OPI00064	4X4

3-Way Tuna Swivel

Sold 50 per package.

CODE	SIZE
OPI00048	1"I.D.

McMahon Snap

Sold 100 per package.

CODE	SIZE
OPI00045	# 6

Pigtail Swivel

Plated brass swivel with stainless steel pigtaiil. Sold individually.

CODE	SIZE
OPI00057	9 MM

Bullet Swivel

Sold 100 per package.

CODE	SIZE
OPI00459	9 MM

Branch Swivel

Sold 100 per package.

CODE	SIZE
OPI00051	#2
OPI00052	1/0
OPI00053	4/0

Heavy Duty Swivel

Stainless steel. Sold 10 per package (6mm) and eaches (13mm).

CODE	SIZE
OPI01442	6 MM
OPI00145	13 MM

Lead Swivel

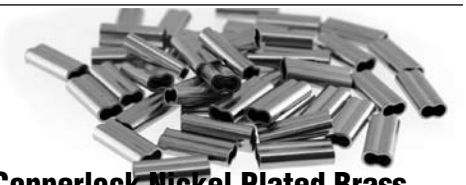
Sold 50 per package.

CODE	SIZE
OPI00146	38 G
OPI00147	45 G
OPI00148	60 G
OPI00149	75 G

OPI Superlock Aluminum Sleeves

Made in Korea. 500 pcs/bag.

CODE	SIZE	CODE	SIZE
OPI00426	A 3.7-3.8 MM	OPI00430	E 1.8 MM
OPI00427	B 2.5 MM	OPI00431	F 1.4-1.6 MM
OPI00429	D 2.3 MM		



OPI Double Copperlock Nickel Plated Brass Sleeves

Made in Taiwan. 1.48mm - 2.2mm 500pcs/bag.
2.5mm - 4mm 100pcs/bag.

CODE	SIZE	CODE	SIZE
OPI70000	(#80L) 1.48 MM	OPI00162	2.5 MM
OPI95000	(#100L) 1.68 MM	OPI00179	3.0 MM
OPI50117	(#120L) 1.8 MM	OPI00186	3.5 MM
OPI50001	(#150L) 2.0 MM	OPI00193	3.8 MM
OPI50155	(#180L) 2.2 MM	OPI00209	4.0 MM

TECHNOS Superlock Aluminum Sleeves

Made in Japan. 500 pcs/bag.

CODE	SIZE	CODE	SIZE
TEC00001	A 3.5 MM	TEC00004	D 2.3 MM
TEC00002	B 3.0 MM	TEC00005	E 2.0 MM
TEC00003	C 2.6 MM	TEC00006	F 1.8 MM

Tools & Accessories

MONO & WIRE CUTTERS

1. MOMOI MONO CUTTERS. STAINLESS STEEL. 7" DESIGNED TO CUT MONOFILAMENT. MADE IN JAPAN. #MOM00003

2. MANLEY MONO NIPPER 7". STAINLESS STEEL. DESIGNED TO CUT MONOFILAMENT. MADE IN U.S.A. #MAN02011

3. SABOTEN 1278. ANVIL TYPE SHEARS. TEFLON-S COATED FOR SMOOTHER CUTTING AND LONG LASTING SHARPNESS. OIL-LESS PIVOT. 6-7/8". #SAB51278

4. SABOTEN 1210. STRAIGHT TYPE. TEFLON-S COATED FOR SMOOTHER CUTTING AND LONG LASTING SHARPNESS. OIL-LESS PIVOT. 7-1/4". #SAB51210

5. AMERICAN FISHING WIRE PROFESSIONAL CABLE CUTTERS. 7-1/2". #AFW03220

6. KAZAX WIRE CUTTERS. 7". #KAZ00002

MANLEY Stainless Steel Extra Long Needlenose Pliers 8"

Textured grip for safety and comfort.
#MAN02010

Bench Crimper Chip D

Precision single die crimper. D die included. Replacement dies sold separately. Made in Japan.

CODE	DESCRIPTION	CODE	DESCRIPTION
OPI00002	CRIMPER (INCL. D DIE)	OPI00007	E DIE (1.8 – 1.9 MM)
OPI00003	2-3 DIE FOR WIRE	OPI00008	F DIE (1.5 – 1.68 MM)
OPI00004	B DIE (2.6 – 3.0 MM)	OPI00009	G DIE (1.45 MM)
OPI00005	C DIE (2.2 – 2.5 MM)	OPI00010	L DIE (3.2 – 3.6 MM)
OPI00006	D DIE (2.0 – 2.1 MM)	OPI00011	LL DIE (3.6 – 4.0 MM)

Bench Crimper CT-1000

Precision single die crimping tool. Dies sold separately. Made in Korea.

CODE	DESCRIPTION	CODE	DESCRIPTION
OPI00405	CRIMPER CT-1000	OPI00411	F DIE (1.7 – 1.9 MM)
OPI00407	B DIE (3.0 – 3.3 MM)	OPI00412	G DIE (1.5 – 1.68 MM)
OPI00408	C DIE (2.6 – 3.0 MM)	OPI00413	L DIE (3.2 – 3.6 MM)
OPI00409	D DIE (2.2 – 2.3 MM)	OPI00314	LL DIE (3.6 – 4.0 MM)
OPI00410	E DIE (2.0– 2.2 MM)		

Hand Crimper C-250-4

For aluminum, bras and double sleeves. Complete 10" tool with 2 side cutters. #OPI00435

Tools & Accessories

Ultimate Hawaiian Fish Scaler
THE BEST fish scaler you will ever use.
#OPI00501

KAZAX Fish Scaler 615L
Made in Japan. Heavy duty
#KAZ06155

KAZAX Fish Scaler 614
Made in Japan. Economical alternative to the 615L #KAZ06140

TAYLOR Dial Thermometer
5” stem. -40° to 160° F.

CARLISLE Ice Shovel
Heavy duty deep-capacity polyporpylene shovel.

CODE	DESCRIPTION
CAR12708	38” L X 11” W
CAR14557	40” L X 14” W

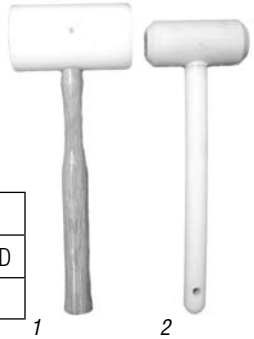
Ice Shavers
Galvanized steel. Tempered blades and heavy bar handles.

CODE	DESCRIPTION
KOL00004	4 PRONG
KOL00005	5 PRONG

Commercial Fish Conserving Agent 16 oz
Alkaline converving agent helps to maintain freshness and natural color of your catch. Helps eliminate odor in storage areas. Reduces micro-organism and bacteria. Reduces corrosion energy (heat build up). 1 lb agent will make approximately 125 gallons of solution.
#SNL00002

Mallets
Nylon. For subduing live fish or processing.

	CODE	DESCRIPTION
1	MOR00002	LARGE 5-1/2” HEAD
2	CAR11206	SMALL HEAD


1 2

CLEANING BRUSHES
A CLEAN workplace is a SAFE workplace.

1 2 3 4

	CODE	DESCRIPTION
1	SNL20009	WIRE BRUSH, STAINLESS STEEL BRISTLES
2	CAR10439	20” UTILITY BRUSH
3	CAR10217	8” SCRUB
4	CAR14525	10” DECK BRUSH HEAD ONLY, PLASTIC BRISTLES
4	CAR50110	60” HANDLE METAL TIP

ARC Dehooking Tools

ARC00002

ARC00004

ARC00003

CODE	DESCRIPTION
ARC00001	6’ CUTTER NL06 (2 PC)
ARC00002	8’ CUTTER NL08 (2 PC)
ARC00003	1.5’ DEHOOK/BITEBLOCK ST08
ARC00004	8’ POLE DEHOOKER NL08 (2 PC)
ARC00005	REPLACEMENT STAINLESS STEEL BLADE 420C

Tools & Accessories - Fish Landing

FIFE Forged Gaff

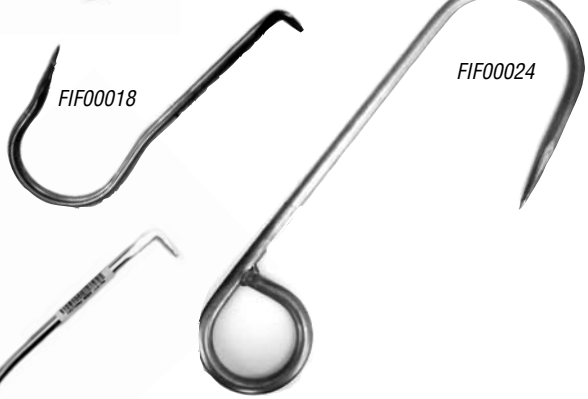
Forged stainless steel. Round and square handle.

CODE	DESCRIPTION
FIF00012	12" L. X 3/8" DIA.
FIF00018	12" L. X 3/8" DIA. (SQUARE)
FIF00013	18" L. X 3/8" DIA.
FIF00014	24" L. X 3/8" DIA.
FIF00010	24" L. X 3/8" DIA. (SQUARE)
FIF00015	36" L. X 3/8" DIA.
FIF00011	36" L. X 3/8" DIA. (SQUARE)
FIF00016	36" L. X 1/2" DIA.

FIFE Super Hook

Forged stainless steel. Offset hook for easier gaffing of larger fish.

CODE	DESCRIPTION
FIF00024	24" L. X 3/4" DIA.
FIF00025	36" L. X 3/4" DIA.



FIFE Gaff Head

Forged stainless steel.

CODE	DESCRIPTION
FIF00017	1/4" DIA. X 2" THROAT
FIF00018	3/8" DIA. X 4/0 HOOK
FIF00019	3/8" DIA. X 8/0 HOOK

MUSTAD Gaff Head

Cast steel.

CODE	DESCRIPTION
MUS27404	4/0, 2-3/4" THROAT
MUS22571	8/0, 3-3/4" THROAT

OPI Fish Gaff

Contoured wood handle.

CODE	DESCRIPTION
OPI00490	18" HANDLE
OPI00506	24" HANDLE
OPI00513	36" HANDLE

OPI Tuna Missle

Stainless steel construction. Slide down leader line until heavy prongs clamp onto fish for easier, more efficient retrieval. #OPI00066

EMS Calcutta Bamboo Pole

19-foot premium calcutta bamboo for making long gaffs.#EMS00005 (not shown)

FIFE Grapple

Stainless steel grapple hook for gear retrieval and/or skiff anchor.

CODE	DESCRIPTION
FIF00020	1 LB
FIF00021	2 LB
FIF00022	3 LB

Cutlery

FORSCHNER
THE PREFERENCE OF PROFESSIONALS SINCE 1855

Handle materials: (F)=patented Fibrox® NSF approved, dishwasher safe and slip resistant; (R)=classic rosewood; (P)=forged, full tang, POM (plastic over molded) handle.

	CODE	DESCRIPTION
1	FOR40515	6" BONING KNIFE, CURVED, SEMI-STIFF BLADE (F)
2	FOR40610	6" BONING KNIFE, CURVED WIDE STIFF BLADE (F)
3	FOR40538	10" BREAKING KNIFE, CURVED BLADE (F)
4	FOR40537	8" BREAKING KINFE, CURVED BLADE (F)
5	FOR40530	10" BUTCHER KNIFE (F)
6	FOR40531	12" BUTCHER KNIFE (F)
7	FOR40636	12" BUTCHER KNIFE, GRANTON EDGE (F)
8	FOR40635	7" BUTCHER KNIFE (F)
9	FOR40021	10" CHEF'S KNIFE , 2.25" WIDTH @ HANDLE (R)
10	FOR41621	10" FORGED CHEF'S KNIFE (P)
11	FOR40022	12" CHEF'S KNIFE, 2.375" WIDTH @ HANDLE (R)
12	FOR40020	8" CHEF'S KNIFE, 2" WIDTH @ HANDLE (R)
13	FOR41620	8" FORGED CHEF'S KNIFE (P)
14	FOR40524	9" CHEF'S KNIFE, 2" WIDTH @ HANDLE (F)
15	FOR40539	10" CIMETER KNIFE (F)
16	FOR40630	12" CIMETER KNIFE (F)
17	FOR41534	14" CIMETER KNIFE (F)
18	FOR40618	6" FILET, STRAIGHT, FLEXIBLE BLADE (F)
19	FOR40711	8" FILET, SEMI-FLEXIBLE BLADE (F)
20	FOR40600	3.25" FISHING/PARING KNIFE, STRAIGHT EDGE (F)
21	FOR40603	3.25" RED WAVY EDGE "LITTLE VICKY" (F)
22	FOR40639	6" SKINNING KNIFE (F)
23	FOR40540	10" CARVING KNIFE, SEMI-FLEXIBLE BLADE (F)
24	FOR40546	10" CARVING WAVY EDGE, SEMI-FLEXIBLE (F)
25	FOR40541	12" CARVING KNIFE, SEMI-FLEXIBLE BLADE (F)

FORSCHSHIELD Cut Resistant Gloves

"KnifeSHIELD" - Highest cut resistance with Spectra and polyester outer sheath for a less slippery feel.

CODE	DESCRIPTION	CODE	DESCRIPTION
FOR86101	XTRA SMALL	FOR86104	LARGE
FOR86102	SMALL	FOR86105	XTRA LARGE
FOR86103	MEDIUM		

FORSCHNER Magnetic Knife Bar 18"

Wide magnetic bars ensure a strong grip on all cutlery, including items with off-center balance points. #FOR43994

FORSCHNER Knife Scabbard 10"

Double pouch, aluminum, holds 5 or 6 knives up to a 10" blade. #FOR43991

FORSCHNER
THE PREFERENCE OF PROFESSIONALS SINCE 1855
BY
VICTORINOX

Cutlery

U.S.A. DEXTER RUSSELL

	CODE	DESCRIPTION
1	DEX01173	6" BONING KNIFE, STRAIGHT BLADE
2	DEX01523	6" BONING KNIFE, WIDE BLADE
3	DEX02473	6" BONING KNIFE, CURVED, STIFF BLADE
4	DEX31615	6" BONING KNIFE, WIDE, STIFF, STRAIGHT BLADE
5	DEX31617	6" BONING KNIFE, NARROW BLADE
6	DEX57125	6" BONING KNIFE, SOFGRIP, WIDE BLADE
7	DEX05493	10" BREAKING KNIFE
8	DEX04103	10" BUTCHER KNIFE
9	DEX04133	8" BUTCHER KNIFE
10	DEX05543	12" CIMETER KNIFE
11	DEX08090	9" CLEAVER, ROSEWOOD HANDLE
12	DEX49542	6" CLEAVER, STAINLESS STEEL, ROSEWOOD HND
13	DEX31630	10" CHEF/COOK'S KNIFE
14	DEX12473	12" CHEF/COOK'S KNIFE
15	DEX10203	7" FILLET KNIFE, NARROW FLEXIBLE BLADE
16	DEX57162	7" FILLET KNIFE, SOFGRIP, FLEXIBLE BLADE
17	DEX10213	8" FILLET KNIFE, NARROW FLEXIBLE BLADE
18	DEX10223	8" FILLET KNIFE, WIDE STIFF BLADE
19	DEX57133	8" FILLET KNIFE, SOFGRIP, FLEXIBLE BLADE
20	DEX57160	8" FILLET KNIFE, SOFGRIP, WIDE STIFF BLADE
21	DEX10473	2-3/4" OYSTER KNIFE
22	DEX31612	3-1/8" PARING KNIFE, SCALLOPED EDGE
23	DEX15353	3-1/2" NET KNIFE, TIGER EDGE, W/ SHEATH
24	DEX10193	4 1/2 SLIMING KNIFE
25	DEX04143	12" FISH SPLITTER

HANDLE COLOR MAY DIFFER THAN SHOWN.

Dough Cutter/ Scraper
Stainless steel. NSF Certified. #S196-CP

4" Meat Hook
Slip resistant handle. #S192H
MORE MEAT HOOKS ON PG. 38

Scabbard
Sturdy polypropylene accommodates 5"–8" narrow, or wide boning and fillet knives w/ Sani-Safe or Sofgrip handle. #WS-1

Sani-Safe® Widest line of sanitary, NSF Certified, professional cutlery in the world. Quality, stain-free, high-carbon steel with super sharp edges, hand-ground and hones. High-impact "Grip-Tex" handles of polypropylene are textured and formed for slip-resistance. An imperviouse seal provides the utmost sanitary qualifications. Easily cleaned handles withstand high and low temperatures.

SOFGRIP™ The ultimate in non-slip professional cutlery. The first handle that literally molds to your hand. Ergonomically designed for comfort.

Cutlery-Specialty

HABAN Meat Saw

Haban meat saws have been the industry standard for over 20 years. Nickel and chrome plated. Available in 19" or 25" models. ABS plastic handle.

CODE	DESC	CODE	DESCRIPTION
HAB00001	19" SAW	HAB00003	19" REPLACEMENT BLADE
HAB00002	25" SAW	HAB00004	25" REPLACEMENT BLADE

MORTY Serrated Knife-Saw

16" blade. Wood handle. #MOR00001

PROTACKLE Sharpening Stone

120/240 grit combination. 8" x 2" x 1". #PRT00019

NORTON Sharpening Stone

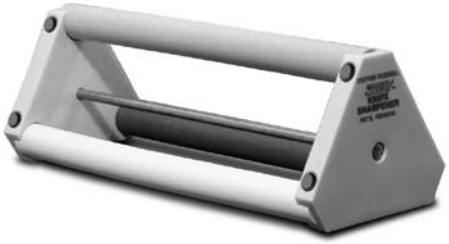
Economy Quickcut® bench stone. Coarse/fine abrasive combination. 8" x 2" x 1". #NOR41998

NORTON Giant Sharpening Stone

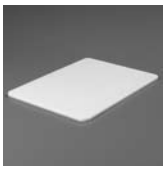
Giant Crystolon bench coarse/fine silicon carbide combination stone. 11.5" x 2.5" x 1". #NOR42991

DEXTER-RUSSELL 3-Way Sharpener

Three ceramic rods, each with appropriate coarseness, for dull or worn edges, partially dull edges and quick touch ups, required no oil or water when sharpening. Rotate rods for new, clean surface and cleaned with soap. #DEX07080



CARLISLE Sparta® Spectrum® Cutting Board



Evershield™ HDPE (High Density Polyethylene) construction for a durable cutting surface, and a high stability, warp-resistant cutting board. Hygienic surface texture on boards prevents deep cuts and is easy to clean. NSF listed, dishwasher safe boards with permanent NSF logo. White.

CODE	MODEL	SIZE (L X W X H)
CAR61421	1088102	12" X 18" X 1/2"
CAR61435	1088702	18" X 24" X 1/2"
CAR62016	1288102	12" X 18" X 3/4"
CAR62019	1289102	12" X 24" X 3/4"

Blood Knife

Handy 1.25" blade for bleeding fish quick and easy. #OPI00029

DEXTER-RUSSELL Diamond Steels

Durable and lighweight. Electroplated nickel on a steel rod embedded with microcrystaline industrial diamonds provides crisp ultra-sharp cutting edge.

CODE	DESCRIPTION	CODE	DESCRIPTION
DEX28273	10"	DEX19273	12"
DEX07603	10" W/ HANG RING	DEX07623	12" W/ HANG RING

FORSCHNER Sharpening Steels

Regular, smooth or combination cut. Plastic handle.

CODE	DESCRIPTION
FOR40582	10" COMBINATION CUT (FINE/POLISHED)
FOR40586	14" REGULAR CUT

Floats, Fenders & Accessories

Foam Bullet Buoy

Used for marking and trap floats. Tapered end. Expanded VC resists saltwater, UV, oil, gas, chemicals. Orange.

CODE	DIA X LENGTH X HOLE (IN)
SPO00001	5 X 11 X 3/4
SPO00002	7 X 14 X 1
SPO00003	7 X 15 X 1
SPO00004	8 X 15 X 1

OPI Hard Floats

Injection molded plastic material. Maintains buoyancy at depths that most inflatable and foam buoys fail. STROBE FLOAT model has screw housing for strobe light (not included) instead of 2nd eyelet.

CODE	DESCRIPTION
OPI50452	360 MM
OPI00469	360 MM STROBE FLOAT
OPI50445	300 MM

OPI00469

OPI Strobe Lights

Long-lasting, heavy duty strobe equipped with daylight sensor. Uses two D-cell batteries (not included).

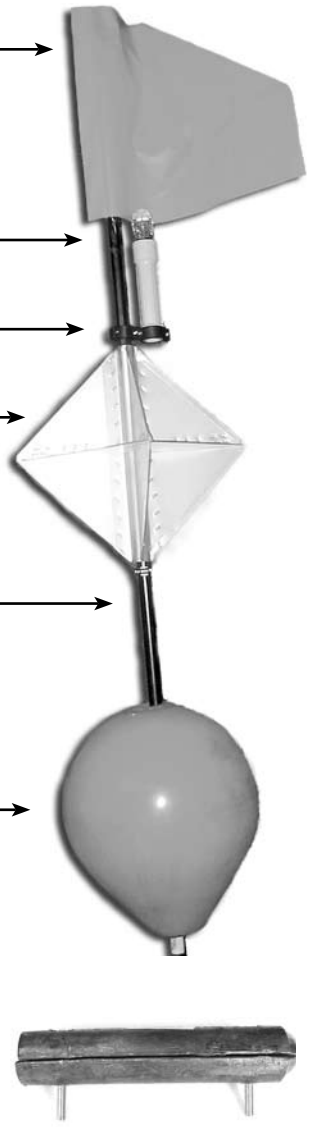
CODE	DESCRIPTION
OPI01411	STROBE (TAIWANESE MADE)
OPI00455	STROBE CH-201 (KOREAN MADE)
OPI01398	STROBE BRACKET
OPI01404	STROBE EXTENSION 8"

OPI01398

OPI01404

Prices?
Prices for our products are published in a separate price list and is available for download at www.pop-hawaii.com or we can mail one to you.

HOW TO BUILD A MARKER



Longline Flag
Durable nylon, bright orange. #OPI50421

OPI Strobe

Strobe Bracket

Radar Reflector
Lightweight aluminum. #LP000331

Marker Pole
Made with 18 ft. aluminum (#LFS00005) or 16-20 ft Indian Calcutta Bamboo (#KOL00001). Avg diameter 1-2 in.

POLYFORM CC-Series Float
See next page.

Flag Pole Weight
Attached to pole below float. Screws included. 12 lb #LFS00003

3M SOLAS Marine Grade Reflective Tape

SOLAS grade products are composed of an encapsulated lens incorporated onto two types of backing: sewable and PSA. Wet or dry, they enhance the visibility of equipment such as life vests, jackets, rafts and other fabrics. 2 IN x 55 YD roll. #3M056643

Floats, Fenders & Accessories

We are an authorized dealer of the most trusted name in buoys and fenders.

A-SERIES ALL-PURPOSE, MOST RECOGNIZED PRODUCT FROM POLYFORM. REDESIGNED ROPE-HOLD FOR IMPROVED STRENGTH AND DURABILITY.

CC-SERIES REINFORCED FLEXIBLE CENTER TUBE. EVEN WALL THICKNESS FOR MAXIMUM STRENGTH.

LD-SERIES HEAVY DUTY FENDER OR LOW DRAG BUOY.

F-SERIES #1 FENDER IN ITS CLASS. ONE PIECE CONSTRUCTION AND CONSISTENT WALL THICKNESS FOR SUPERIOR DURABILITY.

G-SERIES LIGHT TO MEDIUM DUTY FENDER. MOST POPULAR POLYFORM PRODUCT. REINFORCED ROPE-HOLDS.

HTM-SERIES MEDIUM TO HEAVY DUTY VERSATILE CENTER ROPE TUBE. REINFORCED TUBE ENDS.

CODE	DESCRIPTION	CIR/DIA (IN)	DIA/LENGTH (IN)	BUOYANCY RATING (LB)	NET WT (LB)	CASE WT (LB)	CASE QTY
POL00106	A-0 RED	30/9	-	13	1.6	33	20
POL00117	A-1 RED	36/12	-	29	2.4	27	10
POL00137	A-2 RED	50/15	-	68	4.4	48	10
POL00161	A-3 RED	60/18	-	121	6.8	73	10
POL00177	A-4 RED	75/22	-	187	9	96	10
POL00186	A-5 RED	85/27	-	396	9	96	10
POL00602	CC-2 RED	45	-	55	6	62	10
POL00259	LD-2 RED	-	12/23	68	5	52	10
POL00264	LD-2 YELLOW	-	12/23	68	5	52	10
POL00271	LD-3 RED	-	14/30	121	7	72	10
POL01351	LD-4 RED	49/15.5	15.5/37	-	-	63	5
POL00503	F-1 WHITE	-	6/25	18	-	-	10
POL00522	F-2 WHITE	-	9/25	25	-	-	10
POL00539	F-4 WHITE	-	9/41	77	-	-	5
POL00549	F-6 WHITE	-	12/43	165	-	-	5
POL00553	F-7 WHITE	-	15/41	209	-	-	5
POL00556	F-8 WHITE	-	15/58	330	-	-	4
POL00507	F-11 WHITE	-	24/57	530	-	-	3
POL00305	G-1 WHITE	11	3.5/13	-	-	-	12
POL00312	G-2 WHITE	14.1	4.5/16	-	-	-	12
POL00319	G-3 WHITE	17.3	5.5/20	-	-	-	6
POL00001	SPARE PLUG						
POL01005	PATCH KIT						
POL01006	INFLATION ADAPTER						

MOORING AND DROP LINES?

We have an extensive selection of rope, chain, and tarred line for various marine applications. Call for more info.

Pumps

We carry pumps for almost every application. Replacement parts and accessories available too.

Flexible Impeller - Versatile general purpose pumps used for thin or viscous liquid, water or bilge/oil. Reversible and self-priming. Engine cooling, pulley-driven models also available.

Sliding Vane - Heavy duty vanes and rotor are wear resistant. Ideal for diesel fuel transfer. Plumbing on vane pumps should be short and straight to avoid air locks.

Centrifugal - Pumps are ideal for high volume flow rates. These low maintenance pumps have less moving parts and consume less power than other types. Can be built in submersible form for bilge pump use.

Diaphragm - Self-priming pumps can be run dry for extended periods. Ideal for shallow bilges. Quiet operation favored by smaller boat owners.

JABSCO

Dayton®

GRUNDFOS

rule®

PACER

MP PUMPS

THERE ARE SEVERAL FACTORS TO CONSIDER WHEN CHOOSING THE RIGHT PUJMP FOR THE JOB. OUR EXPERT STAFF IS HAPPY TO ADVISE YOU. (808) 537-2905

PERKO®

PERKO intake water strainers are designed for EASY INSTALLATION and CLEANING. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 316 stainless steel strainer basket to minimize electrolysis. Screen hole size diameter .077 inches, 46% open area. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing. Call for details.

MARINE UL LISTED

For use against leaking in shaft and rudder stuffing boxes. Marine grade. Teflon coated flax available. Sold by the foot or spool, 1/8" up to 1" size. Call for price and availability.

Bottom Fishing - Reels

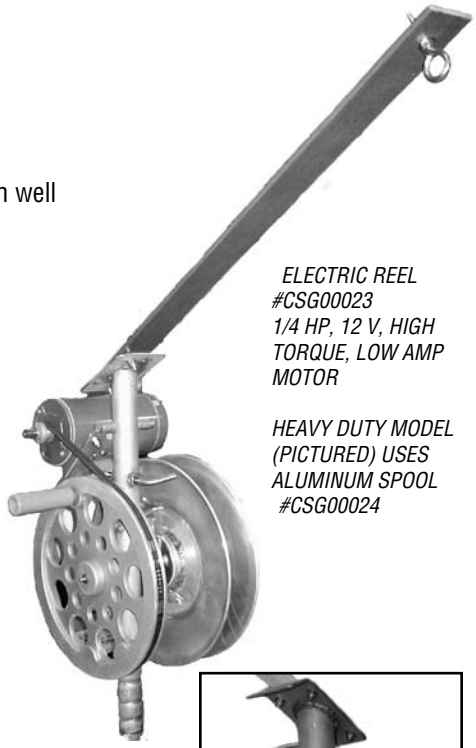
CUSTOM SEA GEAR

The preferred choice of Hawaii's commercial fisherman. Extra sturdy construction well suited for tuna jigging. Also see our Kolstrand and Folbe hauling blocks on p. 17.

3 MODELS MANUAL • ELECTRIC • HYDRAULIC

Standard Features:

- ***1/4" x 2.5" heavy duty fiberglass boom***
- ***1 1/4" stainless steel pipe stanchion with welded foot mount***
- ***Stainless steel gunwale mounting bracket***
- ***Adjustable drag system***
- ***Conversion kits (manual to electric)***
- ***Spool capacity: 300 lb / 2,500'***
- ***Plastic spools are not warrantied by manufacturer***



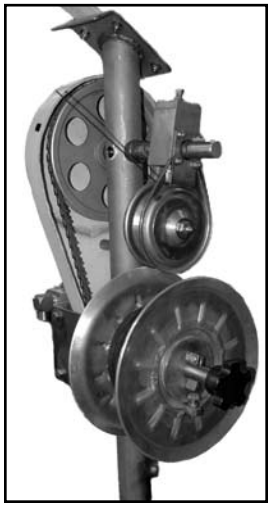
ELECTRIC REEL #CSG00023 1/4 HP, 12 V, HIGH TORQUE, LOW AMP MOTOR

HEAVY DUTY MODEL (PICTURED) USES ALUMINUM SPOOL #CSG00024

HYDRAULIC REEL #CSG00027 6 CU. IN./REV HYDRAULIC MOTOR W/ VARIABLE SPEED CONTROL

HEAVY DUTY MODEL USES ALUMINUM SPOOL #CSG00028

MANUAL REEL #CSG00029 (HEAVY DUTY MODEL USES ALUMINUM SPOOL #CSG00031)



HEAVY DUTY "BEAR" REEL

Holds 233 fathoms of 2.5 mm line.
#CSG00010

ELECTRIC		HYDRAULIC		MANUAL	
CODE	**DESCRIPTION**	**CODE**	**DESCRIPTION**	**CODE**	**DESCRIPTION**
CSG00023	ELECTRIC REEL (STD)	CSG00027	HYDRAULIC REEL (STD)	CSG00029	MANUAL REEL (STD)
CSG00024	ELECTRIC REEL (HD)	CSG00028	HYDRAULIC REEL (HD)	CSG00031	MANUAL REEL (HD)
CSG00032 *	1/4 HP, 12 V MOTOR	CSG00044	PLASTIC SPOOL 1"		
CSG00043	PLASTIC SPOOL 5/8"	CSG00017	DRAG DISC 1"		
CSG00016	DRAG DISC 5/8"	CSG00019	PLASTIC DRAG KNOB #20H		
CSG00018	PLASTIC DRAG KNOB #20EM				
CSG00022*	ELEC MOTOR SHAFT PULLEY #3				
CSG00011*	BELT TENSIONER #7EM				
CSG00030*	MANUAL CRANK HANDLE #24EM				
CSG00037*	ELEC MOTOR MOUNTING BRKT				
CSG00039*	12.5" PULLEY/SHEAVE #22EM				
CSG00012	1/4" X 2.5" FIBERGLASS BOOM				
CSG00046	HEAVY DUTY 50 AMP SWITCH KIT				

* INDICATES PARTS NEEDED FOR MANUAL TO ELECTRIC CONVERSION

Prices?
Prices for our products are published in a separate price list and is available for download at www.pop-hawaii.com or we can mail one to you.

Bottom Fishing

TURNBULL HYDRAULIC REELS

Available in two styles, 3 cu. in./rev. (high speed) and 6 cu. in./rev. (medium speed/high torque). Pullers come standard with deck mount assembly and plastic line stripper. Brass strippers sold separately. Includes davit (pole) mount assembly.

Line Puller 103 & 106

11" stainless steel sheave w/ bronze hub and deck mount brackets.

CODE	DESCRIPTION
TUR00002	3 CU. IN./REV (103)
TUR00003	6 CU. IN./REV (106)

Single Spool Reel 323

11" stainless steel drum holds approx. 2,000' of 3/32" line. Deck mount conversion kit available.

CODE	DESCRIPTION
TUR00005	3 CU. IN./REV (323)

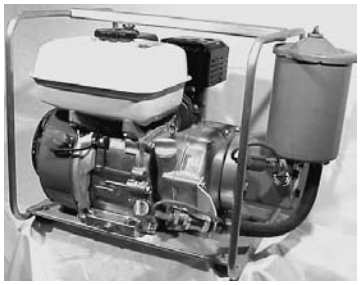
Power Gypsy 610

4" gypsy head. Line speed: 0-160 fpm. Capstan pull at 1,000 psi, 600 lb.

CODE	DESCRIPTION
TUR00004	10 CU. IN./REV

Hydraulic Power Pack 505

Vickers VTM42 pump with 1 gallon reservoir. Mounted on HONDA 5.5 hp gas engine. 6 gpm @ 1,500 psi. Aluminum base with carrying handles. #TUR00022



TURNBULL Reel Parts & Accessories

CODE	DESCRIPTION
TUR00012	12 V PITTS CLUTCH #13944
TUR00026	SEAL KIT #60540
TUR00038	CONTROL VALVE #6000
TUR00034	PLASTIC STRIPPER #5202
TUR00033	BRASS STRIPPER #5203

Bloodline

Nylon braided, low-stretch polyester multi-filament line allows for greater sensitivity. MICHITO ICHIBAN or ACE GYOMON brand. All sizes 400 m coils unless noted. 500 m coils available.

ACE GYOMON			MICHITO ICHIBAN		
CODE	SIZE (MM)	TEST	CODE	SIZE (MM)	TEST
ACE00001	#8 (0.60)	20	MIC00001	#18 (0.87)*	20
ACE00002	#10 (0.70)	25	MIC00009	#18 (0.87)	20
ACE00003	#20 (1.00)	50	MIC00002	#30 (1.14)*	40
ACE00004	#25 (1.10)	60	MIC00010	#30 (1.14)	40
ACE00005	#30 (1.23)	65	MIC00003	#40 (1.45)*	50
ACE00006	#40 (1.40)	100	MIC00011	#40 (1.45)	50
ACE00007	#60 (1.70)	150	MIC00004	#50 (1.56)*	60
ACE00008	#80 (1.92)	200	MIC00012	#50 (1.56)	60
ACE00009	#100 (2.13)	250	MIC00005	#60 (1.77)*	70
ACE00010	#120 (2.35)	300	MIC00013	#60 (1.77)	70
ACE00011	#150 (2.80)	350	MIC00006	#80 (2.05)*	100
ACE00012	#180 (3.10)	450	MIC00014	#80 (2.05)	100
ACE00013	#200 (3.22)	480	MIC00007	#100 (2.25)*	110
ACE00014	#250 (3.55)	600	MIC00015	#100 (2.25)	110
			MIC00008	#120 (2.40)*	135
			MIC00016	#120 (2.40)	135

*100 YD COIL

SUNSET Polyester Line

Grey-colored polyester line used primarily in handline and bottom fishing applications.

CODE	TEST	CODE	TEST	CODE	TEST
CWC00009	140	CWC00011	250	CWC00013	450
CWC00010	185	CWC00012	350	CWC00014	650

HENRY CHING Bottom Fishing Reel

Spool or reel pinch puller models. Anodized aluminum and stainless steel construction. 12 volt dc motor. Lift cap.: 25 lb (dead weight). Spool cap.: 125 lb / 600 yd

CODE	DESCRIPTION
CHI00005	STANDARD REEL
CHI00004	PINCH PULLER
CHI00003	12 VOLT MOTOR
CHI00001	BELT (LARGE)
CHI00002	BELT (SMALL)

Bottom Fishing

OPI Glow Beads

Luminescent beads increase the reflective properties of your baits and lures. Increased day and night visibility. Size (mm) refers to hole diameter. 500 pcs/pkg.

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
OPI00400	1.5 MM GREEN	OPI00402	2.7 MM GREEN	OPI00404	2.7 MM YELLOW
OPI00401	1.5 MM PINK	OPI00403	2.7 MM PINK		

Chum "Palu" Bags & Netting

CODE	DESCRIPTION	CODE	DESCRIPTION
OPI00106	CANVAS CONE PALU BAG	KFT00005	BLACK NYLON CONE BAG
OPI00165	CANVAS CONE PALU BAG 17"	KFT00004	BLACK CANVAS "MAKE DOG"
OPI00166	CANVAS CONE PALU BAG 20"	KFT00006	BLACK NYLON "MAKE DOG"
KFT00003	BLACK CANVAS CONE BAG	LUR00010	CHUM NET

6.5 lb Lead Weight

Other sizes available. Call for availability.
#OPI00605

Bait Dye

16 oz. Blue (POP00012), Red (POP00014)

Commercial Traps

Polyethylene plastic traps. Resists marine growth and built for harsh environments. Neat and space-efficient storage, comes complete with two snap-in bait containers, slide-in hinge pins and durable locking clips.

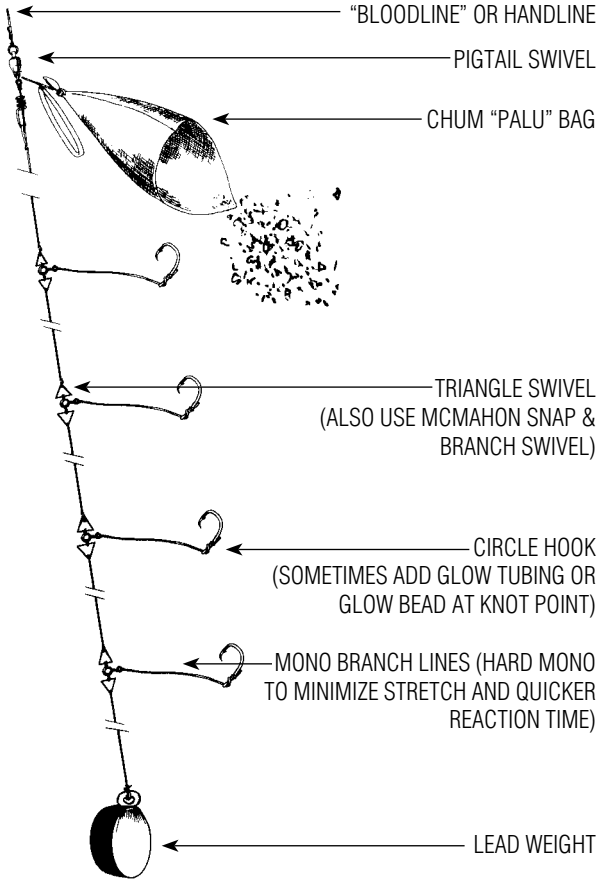
CODE	DESCRIPTION
FAT00003	COMPLETE TRAP
FAT00001	BAIT CUP

Japan Lights

Submersible battery powered. Available in clear, light green, and dark green. 4" length. Attaches with rubber band or snap swivel. AA battery not included.

CODE	DESC
OPI00035	CLEAR
OPI00036	DK. GREEN
OPI00037	LT. GREEN

A Sample Rigging Method



Filtration Systems

RACOR®

Parker Filtration

Parker is the one choice for motion control and fluid control systems for marine applications worldwide. From engine or vessel systems, to fuel and fluid conditioning, to shipyards and service shops, at the lake or on the sea, Parker is there with expertise and uniquely designed systems and components for original equipment manufacturers and end users.

Marine Filtration Products
Whether on a lake, river or open ocean, for pleasure or commerce, Racor is the preferred brand and single source for the most complete line of high performance engine filtration systems.

WORLD CLASS AWAB

AWAB 316 stainless steel regular and mini hose clamps are ideal for harsh environments and high corrosion risk areas.

UNAFLEX®

T-BOLT CLAMPS FOR EXTRA STRENGTH

UNAFLEX marine grade all 316 stainless steel T-BOLT hose clamp designed to assure proper clamping of large diameter marine exhaust hose. All clamps are equipped with a nylon insert lock nut.

WIX FILTERS
#1 FILTER IN NASCAR
NASCAR Officially Licensed

WIX is the leader in aftermarket and original equipment filter design, producing filters for the automotive, diesel, agricultural, industrial and specialty filter markets.

We carry UNAFLEX MARINE HOSE for every application.

Series 148 "Flex" Sanitation Hose Specially formulated for sanitation systems, below water drains, potable water, water intake and aerators.

Series 150 Clear PVC For low pressure cold water drain and vent line.

Series 160 Water Hose Extra heavy duty EPDM heater hose.

Series 162 Red Tracer Nylon reinforced. For hot/cold tap water.

Series 350 "Flex-Acol" Alcohol Resistant Type A Fuel Resistant to fire, ozone, and permeation by alcohol blended gas and diesel fuels.

Series 400 Blower Vent PVC hose supported by copper plated wire helix and resistant to ozone and weathering.

Lighting

LIGHT PARTNER Floodlight

Stainless steel construction.

CODE	DESCRIPTION
LTP00001	115 V / 200 W
LTP00002	115 V / 500 W
LTP00004	115 V / 1000 W

LITHONIA LIGHTING TQ SERIES

Quartz floodlight. Die-cast aluminum. 1/2" pipe thread mount, tempered glass lens.

CODE	DESCRIPTION
LIT14594	115 V / 500 W
LIT14595	220 V / 1500 W

JABSCO Marine Floodlight

Compact, purpose designed floodlights for deck, cockpit or boarding point on leisure, commercial, fishing and safety craft available in two sizes (3" x 5" or 4" x 6") and two housing colors (black or white).

CODE	WHITE MDL	SIZE (IN)	DESCRIPTION
JAB03908	45900-1000	3 X 5	12 V / 6 AMP FUSE
JAB03906	45900-0000	4 X 6	12 V / 50 W
JAB03907	45900-0001	4 X 6	24 V/ 3 AMP FUSE
	BLACK MDL		
JAB03909	45900-2000	4 X 6	12 V / 50 W

AQUA SIGNAL NAVIGATION LIGHTS SERIES 55

For use on vessels 65 feet or more only. All around port, starboard, masthead, and stern deck mount lights. Smaller sizes available. Uses 12, 24, 32 or 110 V bulb.

CODE	DESCRIPTION	CODE	DESCRIPTION
AQS55000	ANCHOR (ALL AROUND)	AQS55500	WHITE STERN
AQS55004	RED (ALL AROUND)	AQS55300	RED PORT
AQS55400	WHITE MASTHEAD	AQS55200	GREEN STARBOARD

PERKO Navigation Lights

For use on vessels 20 - 50 meters in length. Double contact socket and 3 feet of 16/3-SO cable for 12, 24, 32 or 120 volts. Watertight access cap for rebuilding and cleaning. Bulbs sold separately.

CODE	DESCRIPTION
PER66217	RED SIDE LIGHT (#1127RAOBLK)
PER66225	GREEN SIDE LIGHT (#1127GAOBLK)
PER65771	WHITE MASTHEAD LIGHT (#1128AOOBLK)
PER65789	WHITE STERN LIGHT (#1129AOOBLK)
PER65805	WHITE ALL-AROUND LIGHT (#1130AOOBLK)
PER65821	RED ALL-AROUND LIGHT (#1130RAOBLK)

Halogen Quartz Lamps

Replacement lamp bulbs for quartz fixtures.

CODE	DESCRIPTION
DAM03750	DAMAR 240 V / 1,000 W
DAM52555	DAMAR 130 V / 500 W
DAM20260	DAMAR 130 V / 1,000 W

LUMAPRO Vapor-Tight Ceiling Fixture

Heavy duty outdoor, UL listed for wet conditions. 200W incandescent. #LUM00001

Work Apparel – Boots

ONGUARD/BATA PT White "Safety Lok"

16" high white PVC boot with steel shank for safety and comfort. "Safety Lok" sole for superior traction.

CODE	SIZE
BAT10402	6
BAT10403	7
BAT10404	8
BAT10405	9
BAT10406	10
BAT10407	11
BAT10408	12
BAT10409	13

ONGUARD/BATA Flex-3 Mercury

16" plain toe kneeboot. Kickoff lug for easy removal. Built-in arch support. Special sole pattern designed to channel out debris.

CODE	SIZE
BAT15070	6
BAT15071	7
BAT15072	8
BAT15073	9
BAT15074	10
BAT15075	11
BAT15076	12
BAT15077	13

XTRATUFF Boots

Triple-dipped neoprene for maximum durability. 100% waterproof seamless construction. Ankle fit for excellent support. Cork-cushion sole. Self-cleaning, non-slip chevron sole. Steel toe model available by special order.

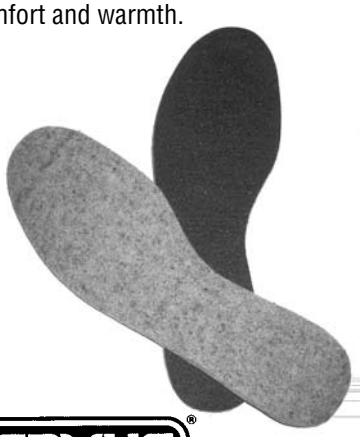
CODE	SIZE
XTR00681	6
XTR00682	7
XTR00683	8
XTR00684	9
XTR00685	10
XTR00686	11
XTR00687	12
XTR00688	13
XTR00689	14

XTRATUF®

SERVUS Felt Insoles

Boot inserts for added comfort and warmth.

CODE	SIZE
SER23009	6
SER23011	7
SER23013	8
SER23015	9
SER23017	10
SER23019	11
SER23021	12
SER23023	13
SER23025	14



SERVUS®

POP LOGOWEAR

Fish, work and play in style.
POP Logowear: tees, long sleeves, tech shirts, kids shirts, baseball caps and visors.

Work Apparel – Gloves

ATLAS 300
Poly/cotton blend glove w/ rubber palms for superior grip.

CODE	SIZE
ATL03001	S
ATL03002	M
ATL03003	L
ATL03004	XL

Bearkat Kevlar
Replica of ATLAS 300, Kevlar fibers resist tearing.

CODE	SIZE
BEA00001	S
BEA00002	M
BEA00003	L
BEA00004	XL

ATLAS 460
Heavy insulated/lined PVC for extreme cold environments.

CODE	SIZE
ATL04602	M
ATL04603	L
ATL04604	XL

ATLAS 600
Liquid proof.

CODE	SIZE
ATL06002	M
ATL06003	L
ATL06004	XL

ATLAS 620
The popular 12” length glove.

CODE	SIZE	CODE	SIZE
ATL06201	S	ATL06203	L
ATL06202	M	ATL06204	XL

OPI Taiwan Ice Gloves
Heavy duty thick rubber. One size.
OPI00520

ATLAS 300-I
“Therma Fit” insulated liner. Breathable back.

CODE	SIZE
ATL04511	S
ATL04512	M
ATL04513	L
ATL04514	XL

ATLAS 660
Oil resistant.

CODE	SIZE
ATL06602	M
ATL06603	L
ATL06604	XL

Forschshield Cut Resistant Glove
Spectra fibers help protect hands from nicks when using knives. One side only.

CODE	SIZE	CODE	SIZE
FOR86101	XS	FOR86104	L
FOR86102	S	FOR86105	XL
FOR86103	M		

OPI V-Line Glove
Nylon/polyester blend w/ PVC honeycomb grip pattern.

CODE	SIZE (COLOR)
OPI00537	S (RED)
OPI00544	M (GREEN)
OPI00551	L (YELLOW)

Red Nylon Work Glove
Our most popular model. One size.
OPI00017

Latex Glove
Standard “kitchen” gloves. Marigolds have rolled cuff.

LATEX	MARIGOLD	SIZE
PAC00003	MAR97828	S
PAC00004	MAR97827	M
PAC00005	MAR97826	L
PAC00006	MAR97825	XL

Work Apparel – Weather

HELLY HANSEN WORK WEAR

Heavy Duty Highliner Jacket

PVC coated woven cotton. Resistant to chemicals, cold, and mildew. Drawcord hood and double storm flap with snaps. Yellow or green (special order).

Heavy Duty Highliner Pants

PVC coated woven cotton. Resistant to chemicals, cold and mildew. Yellow.

JACKET	PANTS	SIZE	JACKET	PANTS	SIZE
HH02528	HH02547	S	HH02530	HH02549	L
HH02529	HH02548	M	HH02531	HH02550	XL

DUTCH HARBOR GEAR

Medium Duty Quinault Jacket & Pants

Woven polyester with multi-layered PVC. Continous strength welded seams. Yellow only.

JACKET	PANTS	SIZE	JACKET	PANTS	SIZE
DHG20011	DHG20021	S	DHG20013	DHG20023	L
DHG20012	DHG20022	M	DHG20014	DHG20024	XL

Imperial Wristers

Neoprene. Protects wrist area from chafing and bruising when handling leader lines.

CODE	SIZE
IMP00001	S
IMP00002	M
IMP00003	L
IMP00004	XL

White Liners

White cotton/polyester blend liners can be used inside another glove for added comfort and warmth.

CODE	SIZE
PAC00007	S
PAC00008	M
PAC00009	L

Work Apparel – Weather

GRUNDÉNS FOULWEATHER GEAR

Heavy Duty Briggs Jacket

Heavy cotton twill base material, coated with specifically forumulated PVC. Attached hood with draw cord, full cape sleeve design for unrestricted movement, double secure storm flap, chin strap, and reinforced cuffs. Available in orange or green (special order).

CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE
GRU33315	XS	GRU33317	M	GRU23331	XL	GRU23332	XXXL
GRU33316	S	GRU33318	L	GRU33320	XXL		

Heavy Duty Herkules Pants

Heavy cotton canvas base material, coated with specially formulated PVC. Oil resistant and maintains flexibility in extreme cold temperatures. Side gusset for adjustable width. Reversible. Available in orange or green (special order).

CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE
GRU29315	XS	GRU29317	M	GRU22931	XL	GRU22932	XXXL
GRU29316	S	GRU29318	L	GRU29320	XXL		

Medium Duty Clipper Jacket

Cotton twill base material, coated with PVC. Double secure storm flap, attached hood, and covered snaps. Available in orange or green.

ORANGE	GREEN	SIZE	ORANGE	GREEN	SIZE
GRU75315	GRU75415	XS	GRU75318	GRU75418	L
GRU75316	GRU75416	S	GRU27531	GRU27541	XL
GRU75317	GRU75417	M	GRU27532		XXL

Medium Duty Clipper Pants

Trimmer cut and fit than Herkules pant. Cut higher up on the chest. Reversible. Available in orange or green.

ORANGE	GREEN	SIZE	ORANGE	GREEN	SIZE
GRU74315	GRU74415	XS	GRU74318	GRU74418	L
GRU74316	GRU74416	S	GRU27431	GRU27441	XL
GRU74317	GRU74417	M	GRU27432		XXL

Clipper Medium Duty Apron

GRU91951

PVC coated. Built for food handling/processing.

Elastic Utility Belt

With speed fastener. Handy knife belt. #GRU91251

GRUNDÉNS Suspenders Plastic

GRU90701

#GRU92851

Sandhand 21 Souwester PVC Rain Hats

Extra wide brim, neck protection and ear flaps. Welded water ditch on the front brim leads water away. Adjustable chin strap, polyester flannel lining. S, M, L, XL, YELLOW OR ORANGE.

Rope, Chain, Anchors

Our full service

ROPE CENTER

is your best source for all types of rope for various marine applications.

Polyester/Dacron Double Braid
Polypropylene
Seine Twine - Tarred • Nylon Braided Twine
BLUE STEEL Polypropylene
Nylon 3-Strand

STEEL CHAIN

1/4" up to 1/2" with LINKING ACCESSORIES

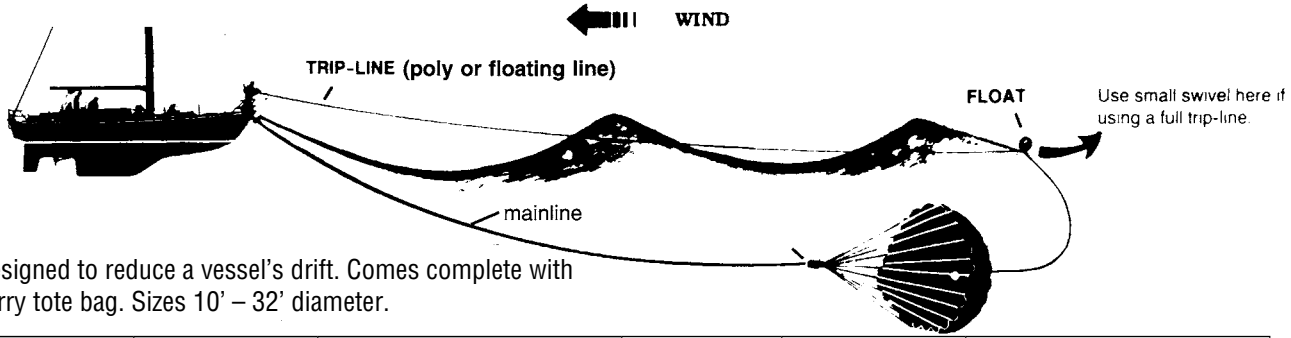
STABILIZERS

for vessels up to 110 feet

ANCHORS

Light-Duty to Heavy-Duty

OPI SEA ANCHOR



Designed to reduce a vessel's drift. Comes complete with carry tote bag. Sizes 10' – 32' diameter.

CODE	VESSEL LENGTH	RECOMMENDED SIZE	CODE	VESSEL LENGTH	RECOMMENDED SIZE
OPI00124	UP TO 20'	10'	OPI00127	UP TO 40'	18'
OPI01251	UP TO 30'	12' OR 16'	OPI00128	UP TO 45'	20'
OPI00126	UP TO 35"	16'	OPI00129	UP TO 80'	24'
ROPE, TRIP LINE, AND FLOAT SOLD SEPARATELY			OPI01305	OVER 80'	32'

Liferaft & Marine Safety Equipment

Welcome to Liferaft & Marine Safety Equipment Inc. We pride ourselves in providing quality, approved, liferaft inspection services to commercial and leisure vessels, and in the supply of safety equipment to vessel operators in the Hawaiian Islands and Pacific Region.

Second Floor POP Fishing & Marine

Products & Services:

USCG/FACTORY APPROVALS: DBC Marine, B.F. Goodrich, Elliot, SMR, Crewsaver, RFD/Revere, Switlik, Viking and Zodiac. Other Factory Approvals: Avon, Mitsubishi, Fujikura, Toyo, and Sumitomo. Liferafts, Pyro, PFDs, Ring Buoys, Strobes, Survival Supplies, Lifeboat Spares etc. Inflatable boat sales & service. USCG APPROVED LIFERAFT SERVICE STATION #377. FAA REPAIR STATION NO. L5MR910J

Tel: (808) 839-5063 • Fax: (808) 839-1765
E-mail: hawaiiraft1@cs.com

Payment Terms

For faster processing and shipping, VISA, MasterCard, and Discover credit cards are welcome methods of payment. We also accept cashier checks and money orders. Terms: **50% deposit required** to confirm an order and the balance is due before the shipment leaves our warehouse.

Wire Transfer and Letter of Credit Instructions

FOR DIRECT WIRE TRANSFER
Customer is responsible for payment for any/all fees required by the bank pertaining to the transfer. Contact our Export Department (808-537-2905) for instructions.

FOR LETTER OF CREDIT
All banking fees must be for the applicant's account. All Letters of Credit must be confirmed, irrevocable, and payable on sight to a major U.S. bank, or perferably our bank. If you will be paying with Letter of Credit, you must contact our Export Department (808-537-2905) for more detailed instructions designed for your specific needs.

We do not accept Letters of Credit for amounts less than USD $20,000.

Prices

All prices are FOB Honolulu in US dollars unless otherwise noted. Prices and specifications are subject to change at anytime without notice.

Freight

POP endeavors to ship all orders promptly upon receipt. Please specify surface or air freight and any special handling instructions. Unless otherwise advised, we will use our best judgement in selecting the carrier. There may be additional charges for export packing and documentation. Our packaging is expertly done. Should damage occur however, please note the details on the freight bill and immediately file a proper claim with the transportation company. Any damage that occurs in transit is the responsibility of the carrier. Claims filed against the carrier are the responsibility of the customer.

POP SALES POLICY

No returns or exchanges after 30 days. All returns or exchanges must be accompanied with proof of purchase. All returns or exchanges must be in original condition or packaging. No returns or exchanges on the following: Clearance and special order items; Cut rope, line, wire, hose and other cut items; Electrical items (includes switches and lightbulbs); Bait, perishable and items with expiration dates; Masks, fins and snorkels. Store credit to be issued for cash purchased items over $50.00 Deposits in full on all special order items required and are non-refundable. Warranty/factory defective items subject to manufacturer inspection.